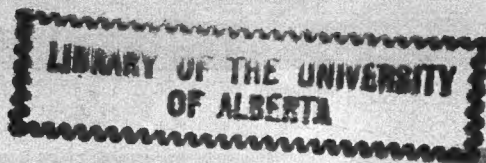


DEC 12 '46  
DEC 2 '46



*An. Source  
Dean  
ag*

# Farm and Ranch Review

VOLUME XLII  
NUMBER 12

CALGARY, ALBERTA  
DECEMBER, 1946



BARD  
S  
560  
F225  
v.42:  
no.12  
1946







To get that last ounce of power from your tractor, there are few better "whips" than spark plugs which stay clean longer, keep their gap adjustment longer, and fire steadily even on long, heavy pulls.

It is very easy to have such plugs. Just follow the simple AC method of preserving tractor power:

1. Consult your implement dealer's AC Heat Range Chart to find the type of AC plugs designed for your engine and the kind of fuel you use.
2. Have your tractor plugs cleaned and adjusted, by the AC Method, as often as necessary.

Ask your dealer for this tried and proved AC service. The correct type of AC plugs, regularly cleaned and adjusted, retard soot and oxide coating, assure long plug life, and maintain engine power. Thus you get full power from the fuel and save as much as 1 gallon in 10. (If you keep an extra set of clean AC's on hand, you won't tie up your tractor while the other set is being cleaned.)

F-1346AC

#### Other Well-Known Lines of UNITED MOTORS SERVICE

AC Fuel Pumps, Gauges and Speedometers • AC Oil Filters  
 NEW DEPARTURE Ball Bearings • HYATT Roller Bearings  
 GUIDE Lamps • DELCO-REMY Starting, Lighting, Ignition  
 HARRISON Thermostats • HARRISON Radiators • KLAXON  
 Horns • PACKARD Cable • DELCO Shock Absorbers • DELCO  
 Hydraulic Brakes

#### UNITED MOTORS SERVICE DIVISION

OF GENERAL MOTORS PRODUCTS OF CANADA, LIMITED, OSHAWA, ONTARIO

# SPARK PLUGS

MADE IN  
CANADA



## Give a Loved One the GIFT OF HEARING



### NEW ZENITH RADIONIC HEARING AID Only \$40 Direct-by-Mail

If one of your loved ones suffers from poor hearing, no gift could bring so much happiness at so little cost, as this fine quality hearing aid.

Zenith's direct sales method eliminates salesmen's high commissions and other "extras." You get the benefit: a precision hearing aid at about one-fourth the price of comparable instruments. No extra charge for shipping, duties, taxes.

**Satisfaction Guaranteed  
or Your Money Back**

The hard of hearing person can put on the Zenith in the privacy of the home—wear it to church, work, amongst family and friends. If not completely satisfied, you return it and receive your money back in full. You risk nothing!

### A CHILD CAN ADJUST IT!

It's easy as focusing binoculars! The flick of a finger *instantly* adjusts the Tone Control to the wearer's own hearing requirements.

### Inconspicuous, Too!

The Neutral-Color Earphone and Cord blend with any complexion...are as little noticeable as eyeglasses.

### Help a Loved One to Hear —Order Today!

Nothing that you've ever done will give you so much satisfaction! The Zenith is guaranteed to satisfy completely...or money back. So order today.



**THE NEW  
ZENITH  
RADIONIC  
HEARING AID**

BY MAKERS OF ZENITH RADIOS

\$40 Complete, Ready-to-Wear with Neutral-Color Earphone and Cord, Crystal Microphone, Radionic Tubes, Batteries and Battery Case.

### —SEND COUPON TODAY!—

Zenith Radio Corp. of Canada, Ltd.  
Guaranty Trust Building,  
FRR-C-126, Box 30, Windsor, Ont.

☐ Enclosed find (money order) (check) for Zenith Radionic Hearing Aid. If I am not completely satisfied, I may return it within 10 days and receive my money back in full.

☐ Send Free descriptive literature.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Province \_\_\_\_\_

☐ Physicians, check for literature.

## Rockyford Girl Shows Champion Wheat; Club Members Take Most High Awards



MARJORIE ROPPEL

DRUMHELLER and nearby Rockyford and Trochu districts — famed throughout Alberta for high quality grain and forage seed — gained national recognition through outstanding wins at the Toronto Royal Canadian Junior wheat championship went to Miss Marjorie Roppel, Rockyford, with her sister Audrey in second place—the same standings they took in the Drumheller show earlier in the fall. Fourth place at Toronto was won by Harry Christensen, Wayne, who was first in the Wayne club exhibit. Maureen Borwick, Drumheller, was awarded ninth place. Seventh placing was given to Verna McArthur, Huxley, who was the winner at the Trochu junior grain fair. Thus five of the first nine placings at Toronto were captured by Drumheller dis-

AUDREY ROPPEL

trict exhibitors, leaving only four for all the rest of Canada.

The Roppel sisters were coached by district agriculturist R. J. Milligan of Strathmore. Mr. Milligan reports that the average field score for the Rockyford club was 84.8 out of a possible 100, and that 19 of the 23 members hand-weeded their three-to-four-acre plots. There are four girls in the club, all of whom have stood near the top. "The parents of this junior grain club give the members very fine support and turn out in force to the meetings," Mr. Milligan emphasizes.

N. F. Bell, district agriculturist at Drumheller, coached the other three winners. Mr. Bell also supervised the Rockyford club for one year, after it was organized by B. J. Whitbread four years ago and before Mr. Milligan was appointed to the territory.

## Union Packing Co. Purchased by Swift

Union Packing Company Ltd., which operated a meat packing plant at Calgary, was sold to Swift Canadian Co. Ltd., in November. The price was unofficially reported as \$1 million.

The Swift Company added the Calgary factory to its other packing plants at Edmonton, Moncton, Moose Jaw, New Westminster, Winnipeg and Toronto. It also controls 14 dairy and poultry plants throughout Canada and several technical product processing plants. "When building conditions permit we hope to add several improvements to the Calgary plant," announced J. H. Tapley, Toronto, president.

A. H. Mayland, president of the former Union company, purchased the plant about 25 years ago and had steadily enlarged and modernized it. A plant had been in operation on the present site since 1896. Mr. Mayland continues to control Gas and Oil Products Ltd. and a large cattle ranching business in Southern Alberta.

C. A. Loest, transferred from Moose Jaw, will be the new manager of the Swift plant in Calgary.

## GOOD HEREFORD CALVES FOR JUNIOR SHOWMEN

Seventy fine Hereford calves from the herd of H. E. Sammons of Coutts have been assigned to the members of the district calf club sponsored by the Lethbridge Kiwanis Club and supervised by the Alberta department of agriculture. These calves will be used in 14 group feeding projects around Lethbridge. In addition, calves from the noted McIntyre herd will be placed in the care of 30 club members in the single calf feeding competition.

## HEAVY ENTRY LIST FOR KAMLOOPS SHOW

A heavy entry list of high quality animals is reported for the Provincial Fat Stock Show and Sale to be held at Kamloops, B.C., on December 4-5. A total of 120 calves have been entered in the boys' and girls' division, representing ten clubs, and a number of non-club members also have entered animals. An important feature for the young people will be the beef cattle judging and showmanship competitions. Dean J. W. G. MacEwan of the University of Manitoba will place all the awards.



FREE 24-page booklet THE FARM ROPE GUIDE. Cordage Distributors Ltd., 500 King St. W., Toronto.

**LION BRAND  
ROPE**  
CONSUMERS CORDAGE CO. LIMITED  
MONTREAL - DARTMOUTH N.S.

Learn to **MOUNT BIRDS**  
Fish, Animals, Game-Heads  
We teach you AT HOME to mount BIRDS, ANIMALS, FISH, TOY CAR SKINS. Be a Taxidermist. Save your hunting trophies. Have FUN, have a home museum, become famous, earn big PROFITS. Write NOW, tells all about Taxidermy, has 100 photos of wild-game. Men, Boys, get this wonderful FREE BOOK about an amazing hobby. Learn easily, quickly, RUSH letter or postal. State AGENTS: N.W. SCHOOL OF TAXIDERM, 619 Elwood Bldg., Omaha 2, Neb.

**Protect**  
your  
Livestock and Poultry  
from **GOITER** and  
**RELATED TROUBLES**



Iodine is a NECESSITY in the nutrition of farm animals.

If it is lacking, goiter may result. The chief loss from Iodine deficiency comes from interference in reproductive processes, and the birth of weak, deformed offspring which may die.

So don't take any chances. The feed you buy probably does contain Iodine. But don't guess—ask your dealer—MAKE SURE!

Write for free booklet, "The Place of Iodine in the Nutrition of Farm Animals."

**Iodine**  
Educational Bureau, Inc.

120 Broadway, New York 5, N. Y.  
221 North LaSalle Street, Chicago 1, Ill.





# IMPERIAL BANK OF CANADA

## 72nd ANNUAL STATEMENT

Year Ending October 31st, 1946

Financial statement of Imperial Bank of Canada for the year ended October 31, 1946, shows substantial increases in deposits by the public, a big gain in commercial loans, an overall increase in assets to a new high in the bank's history, and a moderate growth in profits.

Profits after taxes and contribution to staff-pension fund were \$940,096, compared with \$915,420 the previous year. Dividends were \$700,000, an increase from \$560,000. Amount written off bank premises is \$222,797, compared with \$213,976 in 1945. The profit and loss balance is \$1,141,006.

Assets at the year end were \$403,550,419, an increase of \$24,000,000 from \$379,179,568. Investment securities indicate a shift from shorter to longer

term, and total \$215,610,953, up from \$205,488,417 a year ago. Of these securities, \$102,898,899 is in Dominion Government bonds, maturing in two years or less.

There is an increase of nearly \$24,000,000 in current loans. These loans reflect the activity in post-war business and now total \$105,688,527.

Cash and its equivalent, including deposits with the Bank of Canada, total \$38,474,918, and is 10 per cent. of the total liabilities to the public. The quickly realizable assets are 75 per cent. of the total liabilities to the public.

Interest-bearing deposits by the public have grown greatly, the total now being \$212,184,980, an increase of more than \$35,000,000.

## Condensed General Statement, October 31, 1946

### ASSETS

Deposits with and Notes of Bank of Canada	\$ 37,787,472.56
Notes of and Cheques on Other Banks	16,736,146.09
Other Cash and Deposits	8,415,475.06
Government and Municipal Securities (not exceeding market value)	207,661,350.80
Other Bonds and Stocks (not exceeding market value)	7,949,602.21
Call Loans (secured)	7,284,417.55
<b>TOTAL QUICK ASSETS</b>	<b>\$285,834,464.27</b>
Commercial and Other Loans (after full provision for bad and doubtful debts)	107,015,891.55
Liabilities of Customers under Acceptances and Letters of Credit (as per contra)	4,955,623.17
Bank Premises	5,620,729.89
Other Assets	123,709.80
	<b>\$403,550,418.68</b>

### LIABILITIES

Deposits	\$381,282,345.22
Notes in Circulation	995,312.50
Acceptances and Letters of Credit Outstanding	4,955,623.17
<b>TOTAL LIABILITIES TO THE PUBLIC</b>	<b>\$387,233,280.89</b>
Dividends due Shareholders	176,131.49
Capital, Reserve and Undivided Profits	16,141,006.30
	<b>\$403,550,418.68</b>

R. S. WALDIE,  
President

W. G. MORE,  
General Manager.

*A Complete Banking Service is available through  
our Canadian Branches and foreign agents.*

**CAPITAL**  
\$7,000,000

**RESERVE**  
\$8,000,000

# Wheat Quotas Lifted

**R**EMOVAL of all quota restrictions on the amount of wheat which prairie farmers may deliver to their country elevators was announced on November 19 by Trade Minister J. A. MacKinnon. At that date some 90 per cent of the crop areas in the West were listed on the maximum quota of 20 bushels per acre or were entirely quota-free.

Mr. MacKinnon also announced that during the first 3½ months of the current crop year—up to Nov. 15—producers had marketed the exceptionally high total of 201,000,000 bushels of wheat. At Nov. 15, country elevators held 86,500,000 bushels.

"These deliveries and stocks are very gratifying in view of the export demand which now exists," he said, "but all wheat marketed by producers during the present crop year will be required to meet the urgent export demands for both wheat and flour."

Mr. MacKinnon said the Canadian Wheat Board had increased delivery quotas this fall as rapidly as available storage space and current transportation would permit.

Officials said the early removal of the quotas this fall resulted from the heavy shipments of wheat early this year which cleaned the elevators out of much of the 1945-46 crop.

The quota system of wheat deliveries to elevators is used to avoid congestion and to ensure that farmers at a distance from elevators have as much chance to deliver their wheat as those whose lands are close to the storage depots.

Canada's 1946 wheat crop was placed at 418,000,000 bushels in the Dominion Bureau of Statistics' second estimate. The first estimate, on Sept. 12, was 440,567,000 bushels. The 1945 crop was 305,912,000 bushels.



CONVENTION SPEAKER

H. H. Hannam, president, Canadian Federation of Agriculture, whose address to the annual meeting of the Alberta Federation of Agriculture may be heard over radio station CFCN, Calgary, at 8:30 p.m., Thursday, December 12. He will also speak at the annual meeting the opening day, December 11. Other featured speakers include Premier E. C. Manning and Ben S. Plumer, who was the Alberta representative to the international conference of agricultural producers held in London, England.

## BRITAIN WOULD PURCHASE MORE WHEAT FROM CANADA

**B**ITRAIN offered to buy 40 million bushels of wheat over and above her purchases this year under the Canada-U.K. agreement, but the Dominion was unable to fill the order, it was reported in Ottawa late in November. One reason why Canada could not fill the British order was that the 1946 wheat crop, estimated at 418 million bushels, was considerably lower than the government had expected. There were other customers to be supplied if Canada hoped to hold those markets when the world wheat picture returned to normal, it was explained. Canada could sell another 50 million bushels any day if she had it, a spokesman declared.

## Butter and Cheese Output Down Sharply

**A**LBERTA production of creamery butter and factory cheese in October showed marked decreases when compared with October, 1945. Creamery butter was down 533,761 lbs., or 20.5%, the greatest decreases occurring in the central and northern sections of the province, and factory cheese was down 73,697 lbs. or 29.6%. The non-delivery strike during the first week of October was responsible for a large portion of these decreases, states the provincial dairy branch.

Portions of Southern Alberta reported eighteen inches of snow between October 25 and 28, which made it necessary to house cows earlier than usual. The feed situation, however, is excellent and production in future months should not show large decreases, says the report.

Butter storage stocks in nine principal Canadian cities at Nov. 1 were 41,544,785 pounds as against 43,387,014 pounds a year ago, a decrease of 4.2%.

## Saskatchewan Pool Has \$2,267,885 Surplus

**A** NET operating surplus of \$2,267,885 for the year ending July 31, 1946, was shown by the Saskatchewan Pool Elevators and the Saskatchewan Pool Terminals in a report presented to the business meeting of the organization held at Regina in November. The earning was made on country handling of 71,329,000 bushels of wheat and 52,561,000 bushels of coarse grains.

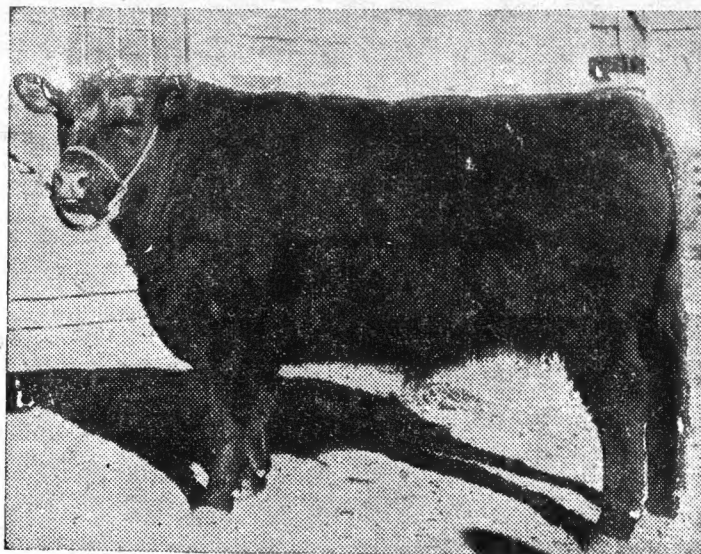


# West Takes Many High Awards at 'Royal'

CANADA'S premier show, and one of the world's great shows—the Royal Winter Fair at Toronto—took place November 12 to 20. This was the first Royal since 1938, the grounds having meanwhile been occupied by military forces. The buildings which housed troops from almost every Allied nation during the war continued to display an international atmosphere, with strong entries from the United States, Mexico, Canada and Peru characterizing some of the classes.

There is nothing like the Toronto fair anywhere in the world, as other top shows are restricted to one or two phases of agricultural production, it has been pointed out by Dean R. D. Sinclair of the University of Alberta. And this was perhaps the best Royal ever held, despite the fact that the management had known for less than six months that it definitely would be staged. There were some 15,000 livestock exhibits, 7,000 poultry, large displays in seeds, grains, honey, fruit and flowers, cat and dog shows, and numerous educational booths.

Against such stern competition, Western exhibitors were pleased to carry off a good share of the awards. Particularly impressive Western victories included those in grain and seeds; the Manitoba fat steer champion; the Percheron awards. In the dairy cattle section, in which any placing higher than tenth was considered exceptional, many of the top awards came west. Every first prize except one in Hampshire and Suffolk sheep came to Alberta. Some of the



RED RIBBON VERMILION ENTRY

*This is the purebred Aberdeen-Angus steer, Allandale Jacques Rex, raised and shown by W. E. Cross, Vermilion, Alta., which placed first as junior yearling of the breed in the Toronto Royal showing. Animals from the herd of Mr. Cross have taken many awards at Central Alberta fairs.*

outstanding Western Canadian awards are listed below.

**HOLSTEIN CATTLE:** Described by Judge Paul Misner of Pennsylvania as "the greatest show of Holstein cattle I have ever seen", this section featured the cream of some of the world's finest herds. F. W. Griswold, Hopkins, Minnesota, who won grand championship with the renowned senior sire, Chip of Nettie and Aaggie, amassed sufficient points to win the Premier Breeder and Premier Exhibitor awards. Standing 2nd and 3rd to "Chip" in the tight class for bulls four years and over were two famous Ontario herd leaders, Montvic Rag Apple Marksman and Montvic Rag Apple Sovereign, while 4th place went to Westland Hayden Monarch, grand champion for Hays Ltd. at Calgary last summer. Hays' noted herds from Calgary and Ontario had junior champion female, Mountain View Coralie Rag Apple, an outstanding calf; plus three 3rd, two 5th, two 6th, one 8th and one 10th prize. Other westerners who scored notably in the keenly-contested classes were:

R. C. Briggs, South Edmonton: one 1st, one 4th, one 7th.  
R. P. Gibb, Edmonton: one 2nd.  
Pickard and Clark, Acme, Alta.: one 4th, one 5th.  
Bradley Bros., Portage la Prairie, Man.: one 4th.  
Jas. A. Workman, Oxbow, Sask.: one 8th.  
C. H. Bly, Nutana, Sask.: one 10th.  
F. R. Price, Sintaluta, Sask.: one 12th.  
Leo Carriere, Otterburn, Man.: one 14th.

**JERSEY CATTLE:** British Columbia, Manitoba, Ontario and Quebec divided the championships, with Western breeders also capturing a good share of the other prizes.

E. C. Millward and Son, Aldergrove, B.C.: junior-champion bull, Fairmeade Lady Pilot Conqueror.

Brandon Creamery and Supply Co.: reserve senior female, Brandon Nixey Eva, plus one 6th.

Fairmeade Farms, Milner, B.C.: one 1st, two 2nd, four 3rd, four 4th, one 6th, one 7th, one 12th.

Henry Thompson and Son, Fairlight, Sask.: one 2nd, two 3rd, one 4th, one 7th.

J. W. Ward, Birch Hills, Sask.: one 3rd.

Fred Yeabsley, Calgary: one 3rd.  
Charles Dixon, St. Albert Trail, Alta.: one 6th, one 10th.

C. D. and D. J. Enman, Wetaskiwin, Alta.: one 7th.

**AYRSHIRE CATTLE:** Judged by S. H. Shannon, Cloverdale, B.C.

Oliver N. Wells, Sardis, B.C.: one 1st, one 2nd, one 8th, three 9th, two 12th, one 14th.

Richards Bros., Red Deer, Alta.: one 5th.

**SHORTHORN CATTLE:** Searle Farm, East Selkirk, Man., was the outstanding exhibitor from the West, with junior and grand champion female in Searle Clarina; and with additional 1st, 2nd and 4th prizes. An Ontario breeder, Dryden and Son of Brooklin, won reserve grand championship for bulls with Norseman

37th, purchased last spring at Claude Gallinger's annual sale at Tofteld, Alta.

Mrs. Chas. Stilborn, Leslie, Sask.: one 4th.

**DUAL-PURPOSE SHORTHORNS:** Mrs. W. Hudson, Kathryn, Alta., one 2nd, one 6th, one 7th.

**HEREFORD CATTLE:** With only nine prairie Herefords out of the 49 at the show, nevertheless reserve junior bull championship went to W. J. Edgar, Innisfail, Alta., with Stanway Domino L.R.D. 242nd. Mr. Edgar also won another 2nd; Frank Collicutt, Crossfield, Alta., a 1st and 3rd; Watson Dunn, Russell, Man., two 2nd; J. J. Dunn, Silverton, Man., a 3rd; and Wright and Bond, Irricana, Alta., a 6th.

**ABERDEEN-ANGUS CATTLE:** 70 entered. Senior champion bull for R. M. Beattie, Kinistino, Sask., was Spruce Grove Epporian. Kenneth Holt, Craven, Sask., had two 1sts; Thos. Henderson, Lacombe, Alta., a 2nd.

**MARKET CATTLE:** Over 200 entries were judged by J. C. Yule, Calgary. A new Canadian record price of \$13 a pound was paid to F. W. Reicheld and Son, Jarvis, Ont., for the grand champion steer of the show, a Hereford. Reserve grand was a Shorthorn, champion of the grades and crosses, from R. M. Smith, Brandon. Reserve to the Reicheld steer in the Hereford class was also an entry of R. M. Smith. W. E. Cross, Vermilion, Alta., had 1st in junior yearling Aberdeen-Angus; J. I. Moffatt, Carroll, Man., a 1st in Herefords; G. R. Tait, Warren, Man., one 6th.

**SWINE:** All Tamworths shown were from east of the Great Lakes, with the exception of a sow entered by C. W. Lang, Okotoks, Alta. Seven Ontario men exhibited Berkshires. Yorkshire awards, made by

(Continued on Page 24)

## Light Horses Took Honors in Ring

WHILE A. H. Mayland of Calgary was in his home city completing a million-dollar deal, the sale of Union Packing Co. Ltd. to Swift Canadian Co. Ltd., his horse "Huntsman" was in Toronto winning him a million dollars' worth of satisfaction. Huntsman, ridden by Andy Owens, defeated 61 of the world's best jumpers at the Royal Winter Fair to win the knock-down-and-out stake before a cheering audience of 12,000. The Calgary horse, which was sired by a Standardbred and not a Thoroughbred—unorthodox for a good jumper—captured the fancy of the spectators when he finished the first round with a clear performance along with four other entrants. The hurdles were raised four inches; and the crowd's cheers became an ovation as Huntsman outperformed the other four horses in the jumpoff. Huntsman is western bred and raised, having been purchased in Winnipeg by Mr. Mayland two years ago. The horse also won glory by taking fourth place in a keenly-contested open performance jump class.

Another horse which brought laurels to Calgary was "Mike", a brown gelding owned by Ian Brown which won third prize in the half-bred three-year-old class most suitable to become a hunter. He was described by the judge as an excellent type but unfortunate enough to lose a little bloom on the long trip from Calgary to Toronto.

## Young Judges Divide Honors at Royal; Saskatchewan Teams Score in Two Events

EIGHTY-FOUR of the best young agricultural-fair judges in Canada are back home this month after an exciting and instructive week at the Toronto Royal Fair. Their judging competitions in dairy cattle, beef cattle, swine, poultry, seed and grain, potatoes or clothing were completed the day before the exhibition opened. They could then relax and enjoy their stay at Toronto and their tours to Ottawa, Hamilton and the Niagara valley.

Saskatchewan contestants took first prizes in two divisions. Edward and Harry Lang, Aylsbery, won by 54 points over the Alberta team in beef cattle judging which was marked by a difficult mixed-breed class of a Shorthorn, one Hereford and two Aberdeen-Angus steers. Violet Dormier and R. W. Wylie of Norquay, won the grain contests. Violet, who also won the individual prize with a score of 544, is the first girl to win Canadian honors in junior grain judging. Another Saskatchewan team also distinguished themselves: Harold Furber and Nor-

man Burdett, Tisdale-Golburn, who placed second in swine judging.

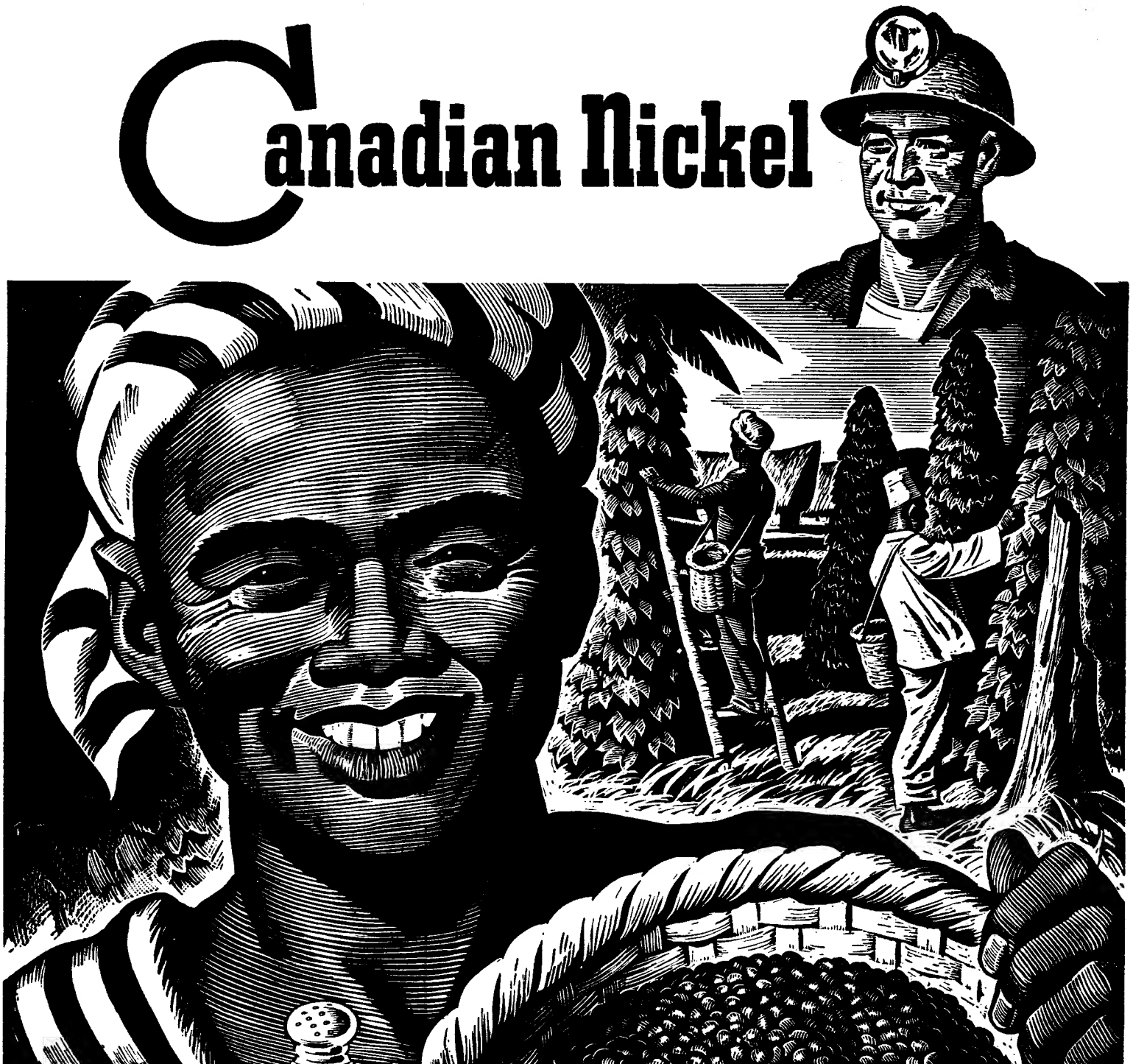
British Columbia, represented by Dorothy Blair and Ralph Gilmore of the Richmond Club, won the national championship in potato judging. Les Staley and Lois Marleau, Surrey Club, were runners up in the poultry classes. Harry Bryant and Stanley Keith, Chilliwack Ayrshire Club, placed third to Quebec and Ontario in the dairy cattle project.

Marion Leslie and Dorothy Ferris, Holland, Manitoba, were the best poultry judges. Ernest Madill and Ronald Brown of the Teulon Grain Club, placed second in seed judging; and a Manitoba club placed third in beef cattle, thus bringing the top three wins in this section to the prairie provinces. Two girls from Manitoba came third in the clothing competitions.

The five teams from Alberta won the following awards: Second in beef cattle, Sten Berg and Miss Enes Berg, Nigger John Club; second in clothing, Dela and Betty Campbell, Stettler; third in potato judging, David Drummond and John Scheer, Strathmore; fourth in grain judging, John and Phyllip Redd, Raymond; fourth in dairy cattle, Eric Longeway and Dorothy Anderson, Calgary.



# Canadian Nickel



*brings*  *Pepper to your kitchen*

HUNDREDS of men and women are employed in the pepper gardens of Sumatra. Thousands of men are employed in the Nickel mines, smelters and refineries of Canada.

The Dutch East Indies cannot begin to use all the black pepper produced there. In normal times, hundreds of tons of it come to Canada.

Less than three per cent of the Nickel produced in Canada is consumed in Canada. The rest is exported, and the money received helps to pay for pepper and other products

necessary to good living in Canada. Canada cannot keep on importing from other lands unless Canadian goods are exported.

Canadian Nickel, sold abroad, does two things. It helps pay for products we need which are not produced in Canada. It brings money to Canada to pay the wages of thousands of Canadians employed in the Canadian Nickel industry.

By constantly expanding the use of Nickel at home and abroad, the Canadian Nickel industry brings additional benefits to Canada and Canadians.



*"The Romance of Nickel" a 60-page book fully illustrated, will be sent free on request to anyone interested.*



THE INTERNATIONAL NICKEL COMPANY OF CANADA, LIMITED, 25 KING ST. WEST, TORONTO



# Farm and Ranch Review

D. A. McCANNEL, B.S.A., *Editor*  
MARTHA OLSON, *Home Editor*  
W. C. KERR, *Advertising Manager*

EASTERN ADVERTISING OFFICE:  
414 Metropolitan Bldg., Toronto, Ont.  
W. H. PEIRCE, *Representative*

Published Monthly by Farm and Ranch Review Limited.  
Printed by Western Printing & Lithographing Co. Ltd.  
Graphic Arts Bldg., Calgary, Alberta  
Entered as Second-class Mail Matter at the Post Office,  
Calgary, Alberta  
Member of the Audit Bureau of Circulations.

VOL. XLII. CALGARY, DECEMBER, 1946 No. 12

**R**EVIEWING another year's production across the Dominion, there is reason for satisfaction in the prospect that the cash income of Canadian farmers for 1946 will about equal that of 1945. Despite some regional climatic setbacks and a falling off in dairy and hog production, generally good crop returns on the prairies and a higher initial price for wheat have helped to overcome the reduction in farm income forecast at the middle of the year.

Cash income received by Canadian farmers for the sale of farm products during the first six months of this year was \$90.8 million, or 13 per cent less than in the same period of 1945, a drop from \$724.6 million to \$633.8 million, according to estimates based on reports of marketings and prices. The decline this year continued the decrease recorded in 1945 from the record 1944 when the cash income received from January to June was \$765.1 million.

As this is written, plans are being laid for the annual Dominion-Provincial Agricultural Conference at which, so far as possible, 1947 production of crops and livestock products will be mapped. Those responsible for directing production in each province will be given the fullest and latest information available on world and domestic requirements, possible contracts and floor price safeguards, price trends and the farm labor, machinery and credit situations. Organized farmers will be heard through the Canadian Federation of Agriculture and the pools, and the leaders of these important groups will relay to their members and to farmers in general the information they have been given and the recommendations of agricultural authorities as to what the production picture for 1947 should be.

It is safe to say that with satisfactory prices guaranteed for wheat, beef, bacon and dairy and poultry products for the years immediately ahead, the emphasis of the conference will be on stimulating all-out production of most farm commodities in 1947.

**P**ERSISTENT reports from Ottawa indicate that by early in the new year practically all wage and price controls in Canada will have become a thing of the past. By that time, it is felt, most of the restrictions found so necessary when they were introduced as wartime measures will have

# Editorial

served their purpose and the nation's business can again be permitted to operate under the normal controls of supply and demand.

By that time, United States prices should generally have found their own levels, shaken down from the fantastic peaks which briefly followed the abandonment of O.P.A. controls. By that time, too, if labor and management relations continue their present apparent improvement, factory production of many items of consumer goods should be approaching normal and removing any threat of black marketing of goods in short supply.

Removal of meat rationing will be popular with housewives and stockmen alike; in such other commodities as sugar and butter increased supplies will be necessary before buying restrictions can be lifted, and the nation-wide housing shortage still emphasizes the need of rental ceilings. Many controls have already been modified or scrapped without serious disruption of the country's economy and the sooner the remaining ones, including those on the sale of primary farm products, can give way to the free and balanced operation of a buyers' and sellers' market the better it will be.

**E**NCOURAGING news was revealed last month by Robson Black, president of the Canadian Forestry Association. The Alberta and Dominion governments have reached an agreement whereby the latter will spend \$6½ million during the next five years on the protection and reclamation of the forest cover on 10,000 square miles of the east slope of the Rocky Mountains. The vast area concerned, equal to four per cent of the entire land area of Alberta, extends from the international boundary to a point southwest of Edmonton. Supervision of this vital work will be entrusted to a commission of three public-spirited citizens composed of one provincial and two Dominion appointees.

Destruction of the forest cover on these slopes—which actually has been proceeding in recent years at the appalling rate of 30,000 acres burned annually by man-made fires—would result in erosion which would choke to death every stream and river which now waters Alberta, Saskatchewan and Northern Manitoba. Such a catastrophe would wreck the thriving agriculture of the central and northern areas of the provinces concerned, along

with the prairie agriculture which is steadily being stabilized through irrigation, regrassing and other operations of the federal government's prairie farm rehabilitation program. Citizens throughout Canada will applaud the Dominion government for now undertaking this substantial investment in the protection of "this most precious strip of forest treasure in the country", to quote Mr. Black. The Alberta government will be commended for facilitating the work by relinquishing some of its authority over this large area of land.

The forest cover is, of course, a valuable asset in itself as well as in its stabilizing effect on agriculture. It reportedly takes four acres of forest, and only three acres of agricultural land, to supply the annual needs of every Canadian. It is to be hoped similar steps will be taken to conserve all the forests of Canada, which are being burned out to the extent of 2,500,000 acres yearly. The timber lost through burning is far more than is used by the logging industry.

Those who have read Robson Black's articles appearing in this paper and elsewhere will realize that much credit is due to him for having brought to public and government attention the crucial importance of forest conservation.

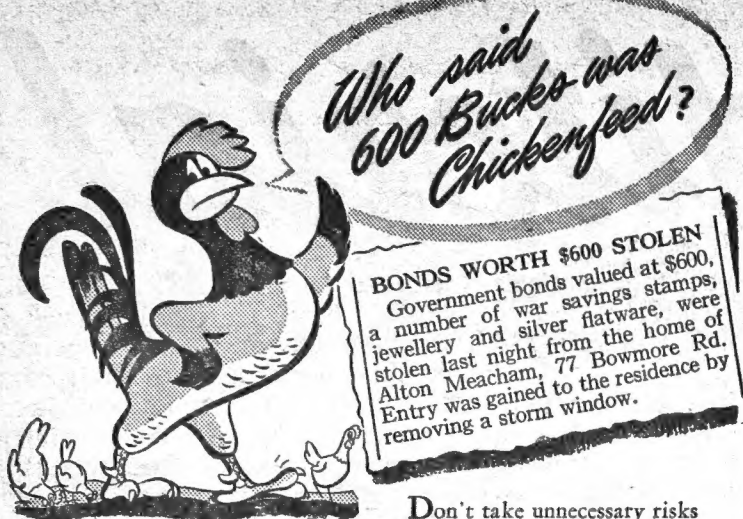
**R**ESIDENTS of East Central Alberta continue to press for an early start on the Red Deer River diversion project and their demands for federal government action will be renewed when the Irrigation Association of that area holds its annual meeting in Hanna on December 11. Heartened by operations started on the St. Mary-Milk River development in the south and the plan to safeguard the forested source of the Red Deer on the east slope of the Rockies, they are confident that their long-cherished dream will soon be realized, that a half-million needy acres will gain the boon of life-giving water from the ditch.

The Red Deer River crosses the entire province of Alberta without a single dam, irrigation canal or power turbine to prevent its waters flowing uselessly to the sea. Estimated initial cost of the dam, main canal and storage reservoirs required by the diversion project is put at \$6,750,000, and the development would serve a productive area of 7,700 potentially prosperous farm homes — ten times the present population.

Delegates from the association who visited Ottawa early this year reported receiving definite assurance that this project would be proceeded with. Since then the Dominion government has made appropriations for the work and preparations for construction are now going forward. Actual turning of the first sod will mark a big day for Eastern Alberta.







**BONDS WORTH \$600 STOLEN**  
Government bonds valued at \$600, a number of war savings stamps, jewellery and silver flatware, were stolen last night from the home of Alton Meacham, 77 Bowmore Rd. Entry was gained to the residence by removing a storm window.

Don't take unnecessary risks with the Government securities you have accumulated so perseveringly... when proper safe-keeping in our vaults, or in your Personal Safety Deposit Box, costs so little!

**MY BANK**  
TO A BILLION CANADIANS  
B of M  
BANK OF MONTREAL  
Working with Canadians in every walk of life since 1817

For 10¢ per \$100 per year (minimum charge 25¢) we will place your bonds in our vaults for safekeeping, clip the coupons and credit you with the proceeds.

## MIRRORS RESILVERED

THE BENNETT GLASS CO. LTD.

M 1778

228 - 7th Avenue East,

CALGARY



Here's the Loader you've been waiting for — "tailor made" for small tractors.

The Coats "Little Giant" does everything the big loaders do, with these EXTRA advantages for faster, easier, BETTER loading:

- Single cylinder hydraulic lift—constant lifting pressure for smooth, even lift—NO JERKS.
- Frame absorbs all side pressure—longer life for cylinder.
- Cylinder ram kept clean, protected by lightweight cover.
- Special design prevents frame twist.
- Arms keep bucket in near-leveling position.
- Teeth pitched to retain load even when tractor is moved.
- "Power shovel" loading effect, with full loading force from rear axle.
- Lifts 1/4 yd. 7' 4" high.

Installs easily on any small row crop or standard tread tractor.

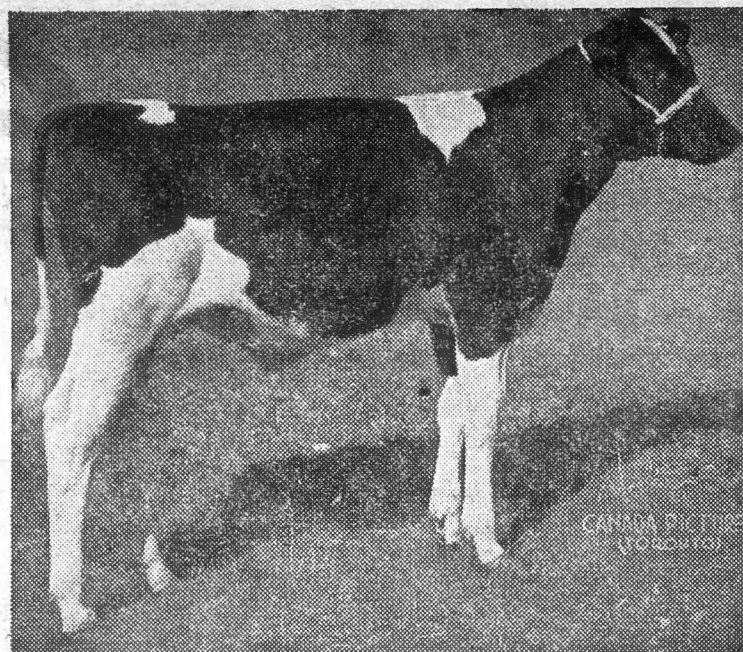
Ask your dealer, or write today for free circular on this big improvement for small tractors.

... there's a Coats Loader for every make and type of tractor except crawlers ...

# THE NANCE COMPANY

RED DEER, ALBERTA

INNISFAIR, ALBERTA



## RECORD \$40,000 HOLSTEIN BULL

Glenafon Killarney, a five-months-old Holstein bull brought \$40,000, a Canadian record price at the All-Canadian sale at Oakville, Ontario. He was sold by J. J. E. McCague, Alliston, Ont., and purchased by the Waterloo County Holstein Breeders' Club, Waterloo, Ont., for use in their artificial breeding unit. Sixty-six head sold for \$145,275, establishing a new Canadian livestock auction record average of \$2,201.

## \$40,000 for a Bull Calf

IN an auction ring at Oakville, Ontario, recently a five-months-old Holstein bull calf with the engaging name of Glenafon Killarney brought \$40,000, a new record price for Canada. Some may wonder how such a small animal, unproven as a sire at that, could possibly be worth so much money. But the fact remains that the amount was paid by a group of Ontario farmers who outbid several American millionaires.

In a way this group of Waterloo district farmers, who had held several meetings before their decision was made, were showing their faith and gambling on the future of the purebred cattle business in Canada. They

knew that many countries are looking to Canada to supply high grade stock and they were gambling on the hope that this interest will continue. From the number of countries who have sent buying missions here this year, the numerous enquiries being received and the number of sales actually made in recent months, it would appear this faith in the future was justified.

As to why this Killarney bull had such value in the minds of a group of breeders is a long story which had its start in the dream of a Canadian business man who believed that by the most careful selection of breeding stock a superior strain of milk-producing cows, which would be high in butterfat, would result. The late T. B. Macauley was president of the Sun Life at the time but it is now certain that history will know him best as a breeder of cattle. His Mount Victoria Farm at Hudson Heights was sold and his herd dispersed at his death, but today the progeny of those animals are in demand practically everywhere.

## Valuable Holsteins Sold to Argentina

A SHIPMENT of Canadian cattle to the Argentine never before equalled in size or value comprising 73 head of purebred Holsteins worth \$100,000 left Brampton, Ont., recently. They were selected by two Argentinians, Guillermo Bullrich of Buenos Aires and Dr. Hector Astengo of Rosario, on a six-weeks' tour of Ontario, during which they visited many of the leading breeders and attended several top Holstein shows.

Bullrich is manager of La Martona, the largest dairy cattle farm in the world with 30,000 head and Dr. Astengo owns thousands of head of beef cattle. He has just recently become interested in Holsteins.

The cattle were consigned to four Argentine breeders. The Astengo group consisted of three bulls and thirteen heifers, while five bulls and thirty-one heifers went to Adolfo Bullrich & Co. Ltd., Buenos Aires, one bull and three heifers to Estancias La Martona, Buenos Aires, and one bull and five females to Torcuato Di Tella, Buenos Aires.

Hays Limited of Calgary and Brampton, supplied ten choice heifers for the shipment, the remainder of the animals being selected from the herds of other Ontario breeders.

J. J. McCague, of Alliston, bought several and the \$40,000 bull is the son of two of the best. Fifteen offspring of Mr. McCague's Montvic Marksman sire have sold recently for a total of \$119,050 and a British syndicate has purchased six for an average of \$5,750. No strain of cattle in the world today is more in demand than that originated at Mount Victoria.—Ottawa Farm Journal.

## Boars Average \$53 At Prince Albert Sale

AT the Prince Albert fall sale of sheep and swine, 40 boars brought an average price of \$53, and 22 sows averaged \$48. Top price for boars was \$95 paid to N. W. Irving, Spruce Home, for the champion. The high of \$80 for a sow was realized by D. R. Sandiman-Allen, Clouston. Only a few sheep were sold, with \$50 being paid for a Suffolk ram.



## Good Prices in Prospect For Seed of Forage Crops

**A**N active marketing season for most forage crop seeds, at values in excess of last year is the current prospect, Howard P. Wright, president and managing director, told the annual meeting of the Alberta Seed Growers' Association Ltd. at Camrose in November. "Yields of legumes are not as heavy and dry weather in the North has materially reduced the production of Creeping Red and Brome Grass in that territory. Crops of Brome in Central and Eastern Alberta, however, are good. Acreages of most forage crops have increased, and we should be able to increase our handlings over last year by a good margin," Mr. Wright declared. There are indications of good supplies of registered and certified seeds of both forage crops and cereals.

From a small beginning four months ago, the Alberta Seed Growers' Association has expanded rapidly. The over-all handlings in 1945-46—7,102,342 pounds—were 1½ times those of the good 1944-45 season. As in previous years, much seed was marketed and processed for local associations, including the Sangudo-Mayerthorpe association, the Peace River seed growers' association, and the Pembina Valley seed growers at Cherrhill. During the year, the Central Seed Growers at Westlock and the Association Co-operative de Semence at Falher, both in Northern Alberta, were amalgamated with the Alberta association.

The federal government lifted the price ceilings on all seeds on August 1. The Seed Export Office, which during wartime had handled all surplus alfalfa, alsike and red clover at guaranteed values, was closed two weeks later. Therefore, the organization is now selling on the open market. Participation certificates are no longer issued by the government to sellers of forage seed.

**T**HE cleaning plants and main warehouses of the seed growers' association are located at Camrose, and there are warehouses at several other points as well. Construction of at least three additional warehouses in the territory north and east of Edmonton is planned shortly. Marketing of seed is conducted through Northern Canadian Seed Sales at Winnipeg, a co-operative arrangement of the Forage Crop departments of the Manitoba Pool, the Saskatchewan Forage Crop Co-operative Association, and the Alberta Seed Growers' Association.

The Alberta association has district superintendents at several points, and the local agents under these superintendents are mostly agents of the Alberta Wheat Pool.

A proposal is under consideration to change the name from "The Alberta Seed Growers' Association Ltd." to "The Alberta Seed Growers' Co-operative Ltd."

C. T. Walker resigned as manager during the year and was replaced by Art M. Smith, who had been a director for 14 years. Howard P. Wright of Calgary was re-elected president and managing director for his 12th term. Other directors include the secretary, J. McK. Hughes, Flatbush; assistant secretary, J. M. McElroy, Calgary; James Pringle, Coronation; C. C. Patching, Lethbridge; J. F. Desfosses, Falher; D. Thomas, Mayerthorpe; H. E. Bronson, Cherrhill, and Arnold Burgess, Beaverlodge.



### RETURNED TO OFFICE

Howard P. Wright of Calgary, re-elected for his 12th term as president and managing director of The Alberta Seed Growers' Association, Ltd.

### Name National Barley Contest Final Winners At Brandon in March

**C**LIMAX of the National Barley Contest will be at the annual Winter Fair at Brandon on or about March 31, when the judging panel will announce winners of major awards for the western section.

Winner of the western interprovincial contest and also winners of the regional prizes in Manitoba will be announced at the fair.

In other provinces of the western section which includes the three prairie provinces and the Peace River district of British Columbia, the regional and provincial prizes will be awarded earlier.

For Saskatchewan they will be announced at the provincial seed fair held in conjunction with the annual Farm Week at Saskatoon, January 6 to 10.

In Alberta, the regional and provincial prizes will be announced and awarded at the provincial seed fair at Calgary, January 24 and 25.

In the Ontario section, the county and inter-county awards were made November 13 at the Royal Winter Fair at Toronto. Cash prizes were awarded to 69 winners.

...

### New Oats Developed, Resistant to Rust

**S**OME 1,500 bushels of seed of a new, unnamed variety of oats is expected to be distributed to selected seed growers next spring. The new oat is said to be resistant to all types of rust, and also to both loose and covered smut. This would be a valuable improvement over the common varieties which are resistant to stem rust but are not sufficiently resistant to crown rust or smut.

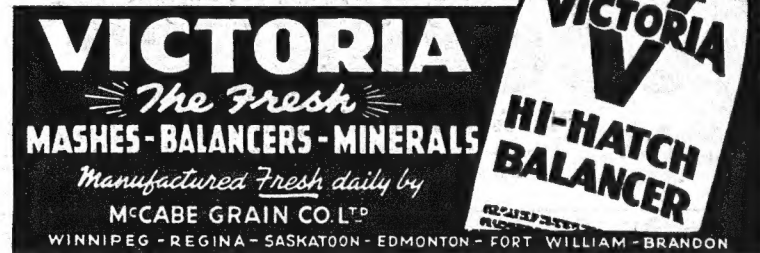
The new strain, if its field performance is as good as expected, will save Canadian farmers millions of dollars. It was developed under the direction of J. N. Welsh of the Winnipeg laboratory staff. The cross-breeding has been developed in co-operation with the plant pathologists, notably Dr. E. T. Johnston working on stem rust, B. Peturson on leaf rust, and W. Popp on the smuts.

## THERE'S NO ARGUMENT THEY'LL HATCH!! WITH THAT FRESH VICTORIA HI-HATCH BALANCER



Gives Heavy Production - High Hatchability when mixed with Home-grown grains ground to a suitable texture.

Famous since Grandma was a girl



WINNipeg - REGINA - SASKATOON - EDMONTON - FORT WILLIAM - BRANDON

ASK YOUR VICTORIA DEALER OR McCABE AGENT

### Fight Tuberculosis Buy Christmas Seals



### Give Coleman "Light Makers" This Christmas

—Coleman Lamps and Lanterns are gifts that keep on giving better light for years. COLEMAN LAMPS give clear, room-filling, eye-saving light for all the family. COLEMAN LANTERNS give powerful floodlight brilliance that makes all outdoor night jobs easier, faster, safer. You can't give a finer gift to friends or your own family than these famous Coleman "Light Makers". Hardware and general stores all over Canada sell them. See your local dealer.

The Coleman Lamp and Stove Co. Ltd.  
Toronto, Canada



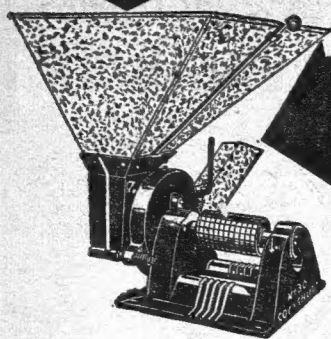
LAMPS

**Coleman**

LANTERNS



**YOUR GRAIN GOES IN HERE**



**YOUR PROFITS  
COME OUT HERE!**

**It pays to grind  
your own feed with a  
COCKSHUTT No. 30  
High Capacity Grinder**

**Enables You To Grind Up To 250 Bushels Per Hour**

A Cockshutt No. 30 Grinder on your farm saves you the expensive handling and hauling connected with in-town feed preparation. It saves you trouble and energy by enabling you to carry out a better feeding program right on your own property. *It gives you capacity to grind up to 250 bushels per hour.*

This outstanding Grinder has

many other features making for longer life, greater efficiency and economical performance—features you will want on any grinder you buy. Get the local Cockshutt dealer to show you them to-day! You'll be glad you did.



See Your **AUTHORIZED COCKSHUTT DEALER**

**COCKSHUTT**

**PLOW COMPANY LIMITED**

TEURO MONTREAL BRANTFORD WINNIPEG REGINA SASKATOON  
SMITHS FALLS CALGARY EDMONTON

**Who  
has a better  
right to be  
TIRED?**



**COME SUNDOWN** any day in the year—in war or peace, good times or bad—the farmer has earned his rest if any man has! And when he comes to the sunset years of life he deserves a holiday as long as he lives.

But saving up enough money to see you through those years in comfort is a harder job, ordinarily, than earning a living from the farm. Yet it needn't be!

If you knew of a new seed that was easier to plant and cultivate, was insured against crop failure and guaranteed to yield several times as much as the seed you'd been using, you would be interested, wouldn't you? A Canada Life contract offers just those advantages in making your lifetime harvest of dollars earn an income for your retirement.

Ask the nearest Canada Life representative for details, or write to the address below, giving date and year of your birth:

**The CANADA LIFE**  
*Assurance Company*

330 UNIVERSITY AVENUE • TORONTO

**BRIGHTER TOMORROWS FOR YOU AND YOURS!**

## HALF-MILLION DOLLARS IN FURS AT LIVE FOX AND MINK SHOW

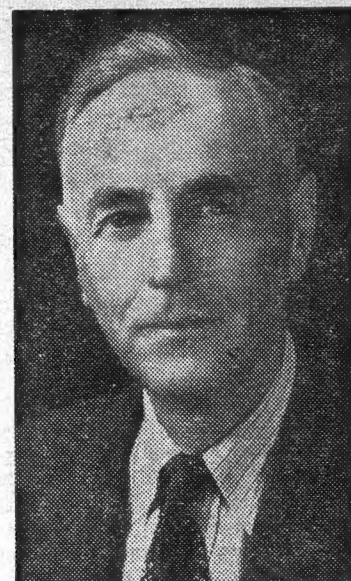
**T**HE annual Alberta Live Fox and Mink Show at Calgary, November 12-14, was one of the biggest shows of its kind ever held in Canada. Over 1,100 mink and some 310 foxes were on display, valued at a total of over half a million dollars. Mink judges were Frank Gothier, originator of many mutations in mink, whose famed mink ranch at Anthon, Iowa, is the oldest-established one on the continent; and Arthur McArthur of Wisconsin, another authority on mutations. George Mayers, manager of Lampson, Fraser and Huth fur action house, New York, judged foxes. Mr. Mayers brought this encouraging news for fox breeders: there appears to be a little more interest in long-haired furs this season; in fact, Paris is featuring long haired furs in its new styles. He anticipated a very good market for all types of mutations in mink, and while standard mink would be down slightly from a year ago, they still should sell quite well as mink of all kinds remained one of the leaders in the fur trade.

Dozens of different hues of foxes and mink were displayed, as can be seen below from the names of the many different classes in which awards were made. A trio of "breath of spring pastel" mink, representatives of one of the newest mutations, purchased recently by Blaine Fur Farms of Calgary for \$2,000, were shown for the first time in Alberta. Pastel mink, another new mutation, were also exhibited. A few hundred "royal pastel" mink were pelted in North America last year, bringing an average of \$176 a pelt—a mink coat of this shade can be purchased for \$22,000. "Glacier blu", another recent mutation, developed from black cross and silver blu ancestors, attracted considerable attention at the show. A considerable number of silver blues were shown this year. Marketed for the first time in large quantities last season, 17,000 pelts averaged \$92 apiece at New York. It takes about 60 to 80 pelts for a mink coat. Standard mink, which are the commonest, are now averaging about \$25 a pelt on the New York market.

In the fox division, one of the most popular colors is the platinum, a fairly recent introduction, now worth from \$60 to \$150 each if pelted or up to \$1,000 apiece for good breeding stock.

**G**RAND champion sweepstakes in mink — the coveted top award of all the mink in the show — went to Prairie Pride Fur Farms, Rouleau, Sask.; and the reserve grand champion sweepstakes ribbon was won by G. Morose, Watson, Sask. There were no sweepstakes awards in the fox section. Colpitts Ranches, Calgary; Montgomery Fur Farms, Wetaskiwin; J. J. Craig, Wetaskiwin; and J. S. Thomson, Midnapore, were among those who placed high in the fox classes.

The grand champion (GC) and reserve grand champion (RG) ribbons in the various fox and mink classes were awarded to the exhibitors listed below. Many of these winning fur-bearers had to come to the top out of classes totalling several hundred animals. There was strong competition from points throughout Alberta and from some of the best foxes and mink



### HEADS FUR BREEDERS

*Hugh J. Montgomery of Wetaskiwin, president of the Alberta Fur Breeders' Association, which staged a successful show of fur animals in Calgary and will hold its annual fur pelt show in Edmonton, Jan. 7 to 9. Mr. Montgomery operates a large fur ranch and is the Alberta representative on the Dominion Council of Fur Breeders.*

from British Columbia and Saskatchewan as well.

**MINK:**—Standard GC, Prairie Pride Fur Farms, Rouleau, Sask.; Standard RG, M. Combs, Lac La Biche; Silver blu GC, G. Morose, Watson, Sask.; Silver blu RG, Montgomery Fur Farms, Wetaskiwin; Silver Sable GC, Montgomery Fur Farms; Silver Sable RG, F. F. Caine, Edmonton; Black Cross GC, D. C. Johnstone, Calgary; Black Cross RG, Blaine Fur Farm, Calgary; Pastel GC, Kenny Brothers, Edmonton; Pastel RG, Kenny Brothers.

**FOXES:** — GC Platinum, Colpitts Ranches; RG Platinum, J. J. Craig; GC Pearl Platinum, Colpitts Ranches; RG Pearl Platinum, Colpitts Ranches; GC Pearlata Platinum, Colpitts Ranches; RG Pearlata Platinum, Colpitts Ranches; GC Glacier Blu, Colpitts Ranches; RG Glacier Blu, J. J. Craig; GC White Faced Silver, Colpitts Ranches; RG White Faced Silver, Montgomery Fur Farms; GC Silver, Montgomery Fur Farms; RG Silver, J. S. Thomson, Midnapore.

...

### Sask. Fur Auctions Start December 16

**D**ECEMBER 16 has been set as the date for the first fur sale at the Saskatchewan government fur marketing service, it has been announced by Adam J. Cooke, plant manager. It will be a special auction on mink and silver fox.

Other scheduled general sales will be held on January 13, February 17, March 17, April 21, May 19, and June 13. Cleanup sales will be held in either July or September, depending on the spring breakup in the north country.

Mr. Cooke also said that 3,200 new shippers made use of the government service last season.

"There has been a general decline in the fur market during the past few weeks and indications are that the market will establish itself on a slightly lower basis than last season," he said.



## 1945 Price Levels Topped At Edmonton Fall Sales

AVERAGE prices were higher than last year's for all breeding stock at the Edmonton fall sales. The following top prices also exceeded those of 1945, which are shown in brackets: Yorkshire boar, \$200 (\$65); Yorkshire sow, \$165 (\$80); Tamworth boar, \$87.50 (\$57.50); Hampshire ram, \$125 (\$65); Shorthorn cow, \$350 (250).

Hog prices were sharply up from last year, as at Calgary the week before, thus strengthening the belief that Alberta swine production is due for an increase. The higher average prices were even more notable at Edmonton than at Calgary, for where the latter show had sold fewer swine than the previous year, Edmonton disposed of 36 more sows and 30 more boars than in 1945.

The top swine price of \$200 was realized by James Wyllie of Vegreville from Alex A. Watchorn, Bluesky, for a Yorkshire boar which placed third to the champion and reserve in the Advanced Registry class. Wyllie had the champion, which went to Paul Bros. of Namao for \$130; while H. F. Rowe, Duffield, sold the reserve boar to L. Szass, Bentley, for \$175, the second highest price for a pig.

It was a great sale for James Wyllie, who also sold the top-priced \$165 sow, to Harvey Ash of Edmonton; the \$157.50 champion to W. R. Cornish of Mannville; the \$140 reserve, to P. Wyllie of Leduc; and who averaged \$99 apiece for 21 swine. A Bieber, Rimbey, averaged \$93 for five, and H. F. Rowe averaged \$75 for 14.

M. P. Hyshka of Ranfurly was the only exhibitor of Tamworths, the champion and reserve boars topping his receipts at \$87.50 apiece and the champion sow bringing \$50.

ABOUT 100 fewer sheep were sold than in 1945. Eighty-nine rams went through the ring unsold. The champion Hampshire ram headed the sheep sale, C.P.R. Farm H 124X, at \$125, paid to Robert C. Gollightly of Lloydminster by N. J. Shopland, Rochester. Second highest Hampshire price was \$45 received by W. R. Cornish of Mannville for the reserve ram; while George Jackson of Challey had champion and reserve ewes which brought \$30 and \$25.

Of the 11 sheep which sold at \$50 or more, 10 were Suffolks. In this breed Cornish bought the champion ewe from A. Matejka, Ponoka, at \$52.50 (the only ewe that exceeded \$50) and the reserve from C. K. Armitstead of Onoway at \$35. The champion ram from C. Runte and Sons, Wetaskiwin, sold to C. D. Daniel of Entwistle for \$85, the second highest sheep price. The reserve brought \$55 for Cornish.

Ed. Williamson of South Edmonton was paid \$30 for the champion Oxford ram. T. M. Reed of the same place had the \$30 reserve ram, and he was the only seller of Oxford ewes, for which the top price was \$16.

Garth Bunker, Tawatinaw, showed the champion market lamb; Geo. Jackson, Challey, showed the reserve. Paul Churchward, Lloydminster, and Erwin Currie, Innisfree, were exhibitors of champion and reserve bacon hogs, respectively. The three Shorthorn cattle sold were all from the herd

of Fred H. Dunstan and Son, Lloydminster.

### Numbers Sold and Average Prices (1945 averages in brackets)

3 Shorthorn females	-----	\$345 (122)
125 Yorkshire females	-----	57 (45)
118 Yorkshire boars	-----	61 (48)
8 Tamworth females	-----	44 (---)
3 Tamworth boars	-----	80 (41)
53 Suffolk ewes	-----	19 (17)
93 Suffolk rams	-----	30 (29)
13 Hampshire ewes	-----	23 (14)
35 Hampshire rams	-----	30 (23)
11 Oxford ewes	-----	13 (12)
6 Oxford rams	-----	30 (21)
50 Grade ewes	-----	7 (---)

Sales of breeding stock totalled \$21,753.

## Swine Prices Higher, Sheep Values Decline At Regina Fall Sale

REGINA sheep and swine sale followed the trend of other sales this fall by bettering last year's average prices for swine, which in the case of Regina had set a five-year record in 1945. There were 14 more boars and 12 fewer sows sold than a year ago. In the case of the 66 sheep, however, the averages retreated from last year's even though the number sold was about the same.

Chas. Harlton and Son, Belle Plaine, won grand championship in both sows and boars. The boar, Ivanhoe Y 53Z, had also topped the 1945 class. G. F. Short, Stony Beach, had reserve grand sow, junior champion sow, and junior champion boar. E. F. Richardson, Semans, showed the reserve junior boar, which brought \$135. Mr. Richardson realized \$145, highest price of the sale, for a litter mate of this boar. His average was \$127 for three entries. Mr. Short averaged \$104 apiece for four boars; Harlton and Son averaged \$80 for four. Highest price for a sow was \$90, realized by Percy Proctor, Primate.

The highest price for a sheep was \$50 paid to Dennis Bros., Parkman, for a Shropshire ram. Many of the top placings were not sold because of unsatisfactory prices. James Whitehead, Saskatoon, had champion Suffolk ewe and ram and champion and reserve Shropshire and Hampshire rams. Dennis Bros. had the champion Shropshire ewe. Joseph Tait, Weyburn, had the champion; and J. Moffat, Sintaluta, had the reserve Hampshire ewe. In the Oxfords, Donald Smith of Govan took the high ribbons for rams and Frank McGill, Saskatoon, the top awards for ewes.

Numbers sold, and average prices, with last year's averages in brackets: 61 Yorkshire boars \$61 (57); 9 Yorkshire sows \$65 (45); 27 Suffolk rams \$29 (32); 14 Suffolk ewes \$22; 5 Oxford rams \$19 (32); 6 Oxford ewes \$17; 9 Hampshire rams \$27 (36); 4 Shropshire rams \$31; 1 Southdown ram \$20.

### GOOD BOARS AVAILABLE

Swine breeders are reminded that the Alberta Livestock Branch has a number of very good boars of breeding age on hand. These boars are available under the Swine Improvement Policy. They are supplied at cost, and express charges are prepaid to the applicant's nearest shipping point. Farmers requiring boars are advised to contact their District Agriculturist, or write direct to the Livestock Branch, Department of Agriculture, Edmonton.

No. 6—in a series illustrating the increasing importance of radio in modern life.

## YOUR LINK WITH THE WORLD OF

## Women's Affairs



Delicious recipes . . . expert advice on baby care . . . household hints of every kind are yours today at the twist of a dial! Enjoy all the good things that radio offers by powering your set with "Eveready" Radio Batteries.

These coast-to-coast favourites are of every type and size . . . packed with extra dependability and extra long life . . . ready to bring you hour after hour of steady, far-reaching reception at minimum operating costs.

Choose "Eveready" Radio Batteries next time you buy!

The space-saving construction of the "Super-Layerbilt" B Battery packs layer upon layer of power-producing materials tightly together.



RF646



This revolutionary "Air Cell" A Battery needs no recharging—maintains its power by breathing oxygen. Choose the A-1300 for all 1.4 volt radios.

CANADIAN NATIONAL CARBON COMPANY LIMITED  
Halifax Montreal TORONTO Winnipeg Vancouver



Fight Tuberculosis—

Buy Christmas Seals



**PLAN  
YOUR 1947  
GARDEN  
NOW!**

**free**  
**1947 CATALOG**

**PLAN EARLY TO PLANT PLENTY**

Early planning is always the secret of gardening success. Wise early planning will pay you rich dividends of pleasure and profit.

Let abundance be ours, and of that abundance let us continue to contribute generously to the hungry and undernourished throughout the world. Increased production in Canadian gardens will release greater food supplies so vital to the health and very survival of millions less fortunate than ourselves.

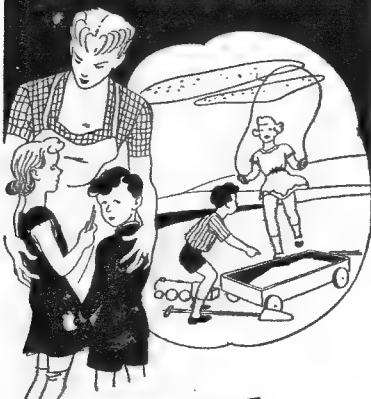
Every gardener and commercial grower should get our 1947 Seed and Nursery Book describing countless varieties of Vegetable, Flower and House Plant seeds as well as Plants, Bulbs, Shrubs, Fruits and other Nursery Stock. Send today (Those who ordered from us in 1946 will receive 1947 Catalog without request.)

Send today for your copy of our  
1947 Seed and Nursery Book. 6W

**DOMINION SEED HOUSE, GEORGETOWN, ONT.**

**Buy Christmas Seals**

*It's a  
Good Idea!*



**MAKE IT  
COME TRUE!**

That "rainy day" is always present in the mind of a mother.

She feels that she must have a fund on which she can draw in an emergency. She can make

this dream come true at her nearest Treasury Branch. Everyone finds that Treasury Branch services help to build for tomorrow.

**MOTHERS**

*appreciate this service*

A Demand Savings account at your Treasury Branch allows funds to be withdrawn at any time without restriction. Interest at the rate of 1½% is paid on these deposits.

**KNOW YOUR TREASURY BRANCH**

• Term Savings Accounts • Demand Savings Accounts  
• Current Accounts • Full Collection Service • Loans  
• Encashment of Negotiable Items • Deposit Boxes  
• Fire and Life Insurance • Money Orders • Drafts  
• Travellers' Cheques • Motor and Drivers' Licenses

**TREASURY BRANCH**

# Canada Wins World Grain Titles

CONTINUING their long string of victories at Chicago International hay, grain and livestock shows, Canadian exhibitors triumphed in several divisions at this year's event, which began late in November and continued into December.

Mrs. Amy Kelsey, Erickson, B.C., won the title of wheat champion of North America with a 66.5-pounds-per-bushel sample of hard red spring wheat. She is the first woman to win the coveted crown at the 47-year-old show. A Canadian has won this award every year since 1929, Wm. Miller, Edmonton, having been the victor in 1941 — the last International held until this year.

Placing second to Mrs. Kelsey in the hard red spring wheat class was Fred Paverley, Wembley, Alta., who won the reserve award at the Toronto Royal a week earlier. Wembley, in the Peace River district, has won the wheat king title eight times: with five wins to the late Herman Trelle and three to Francis Lloyd Rigby.

Hard red spring wheat fifth prize went to Wm. Gibson, Ladner, B.C., and 12th to Victor Watson, Airdrie, Alta.

To W. S. Simpson, Dawson Creek, B.C., went the "rye king" award.

Thos. E. Brown, Cassils, Alta. — grand champion with barley at Toronto — won first prize in the Trebi six-rowed barley class.

R. P. Robbins, Shaunavon, Sask., won second prizes in flax and Durum wheat; fifth in navy beans and seventh in hard red spring wheat.

Charles Hinter, Mount Tolmie, B.C., was second in timothy seed.

Ontario exhibitors won grand championship in oats, with the Beaver variety; reserve championship in oats, with an exhibit of Cartier variety; reserve soy bean championship; first in timothy seed; first and second in flint corn; first and second in white winter wheat; first in small yellow peas; reserve grand championship with a carload of Southdown lambs, and a seventh in sheep judging.

## LIVENS UP THE BULLS

**SETTLES  
SHY  
BREEDERS**



Kershaw's Stock Farms, Muskogee, have used a number of gallons of Rex Wheat Germ Oil on their Champion Herd Aberdeen Angus Cattle. L. R. Kershaw, owner, writes:

"We have particularly noted that Rex Oil livens up and helps all the bulls given the oil. We have used Rex on shy and non-breeders with good results."

Rex Oil contains biochemical factors not found in other wheat germ oils. Rex Oil prevents and corrects many non-organic breeding disorders. If you feed dealer or druggist does not have Rex Oil, order direct. Prices—4 oz. \$1.25; 20 oz. only \$5.00.



**VIOLIN (CANADA) LIMITED**  
N.D.G. Postal Station - Box 50  
Montreal, Que.

## Extra \$23,000,000 Wheat Payment

THE Dominion government has announced that farmers will be paid an additional 10 cents a bushel on wheat delivered between August 1, 1945, and July 31, 1946. The payment results from the policy announced by the government last July under which the initial wheat payment was increased from \$1.25 to \$1.35 a bushel, retroactive to the 1945-46 crop year. The distribution will amount to more than \$23 million to the prairie provinces, but it is not known when the payments will start.

Producers will receive payment through local elevator agents. When the payment is made, the producer will surrender his 1945-46 producer certificate to the elevator agent and will receive instead an official receipt. This receipt should be retained in case a further payment is made on board operations during the five-year period from August 1, 1945, to July 31, 1950.

• • •

## Alberta Wheat Pool Delegates Hear Report Of Successful Year

A PROUD record of progress was reviewed by Alberta Wheat Pool delegates at their annual meeting in Calgary the end of November. In the 21 years since Alberta Pool Elevators commenced operations its country elevators have handled a total of 689,232,005 bushels of grain. The amount of \$3,873,630.26 has been distributed as patronage dividends to member patrons of the Pool country elevators. At the end of the 1945-46 season the organization owned 434 country elevators, two terminals, 313 dwellings, 59 coal and flour sheds, 307 country annexes, and other property. It had a surplus of \$3,732,000 in current assets after deducting all current and deferred liabilities including \$1,900,000 owing to the Province of Alberta. The members' equity represented by these assets was \$6,893,000. In addition, \$2,327,000 from 1943-44, 1944-45 and 1945-46 earnings has been held in reserve pending disposition.

In the year ending July 31, 1946, the principal of the Pool's debt to the Alberta government was reduced by \$1,030,000. Producers delivered to the Pool 32.4 per cent of the total grain marketed in Alberta during the year. The organization sponsored 33 junior wheat clubs having a total membership of 558; also eight forage clubs and 28 girls' garden clubs with a total membership of 516.

Since 1931, the Alberta Pool has reduced the debt to the Province of Alberta from \$5,649,000 to \$1,900,000. It has paid \$2,127,571.89 in municipal, school and provincial taxes. It has paid off a mortgage of \$1,750,000 on the Vancouver terminal elevator and has increased working capital by \$2,960,000. These are only a few of the accomplishments listed by the farmer-owned organization.

## Buy Christmas Seals

## Important Dates On The Calendar

Nov. 29 - Dec. 8 — Chicago — International grain and livestock shows.  
Dec. 3 - 5 — Moose Jaw — live and dressed poultry show and All-Canada turkey show.  
Dec. 4 - 5 — Kamloops, B.C. — fat stock show and sale.  
Dec. 5 - 6 — Edmonton — Alberta provincial horse, cattle, sheep and swine breeders' annual meetings.  
Dec. 10 - 12 — Calgary — Alberta poultry show.  
Dec. 11 — Hanna, Alta. — East Central Irrigation Association annual meeting.  
Dec. 11 - 12 — Calgary — Alberta Federation of Agriculture annual meeting.  
Dec. 11 - 12 — Saskatoon — dressed meat and dressed poultry show.  
Jan. 6 - 10 — Saskatoon — provincial seed fair and annual Farm Week.  
Jan. 7 - 9 — Edmonton — annual fur pelt show.  
Jan. 7 - 10 — Edmonton — Alberta Farmers' Union convention.  
Jan. 14 - 17 — Calgary — United Farmers of Alberta convention.  
Jan. 24 - 25 — Calgary — provincial seed fair.  
Jan. 28 - 30 — Winnipeg — Canadian Federation of Agriculture convention.  
Feb. 11 - 13 — Calgary — Alberta Dairy Association convention.

• • •

NEW Brunswick, Manitoba and Saskatchewan have reached agreements with the federal government on taxation arrangements to replace the ones made during the war. Alberta rejected the Dominion's offer and will submit alternative proposals.

• • •

The Saskatchewan Rodeo Association, which represents eight towns in the province, re-elected Ralph Desbrisay as president. Carl Olson, Cardston, Alta., was awarded the all-round cowboy championship trophy.

• • •

McCabe Bros. Grain Co. of Winnipeg plans to construct a modern livestock feeds factory in Calgary.

• • •

A \$475,000 project to reclaim several thousand acres of flooded Pemberton Valley land in British Columbia is being undertaken by the Prairie Farm Rehabilitation Administration.

• • •

## Rototiller Proves Big Labor Saver

Keen interest by market gardeners and other small landowners is reported in the Rototiller, a one-man, power-driven machine which does the work of plow, disc and harrow. Termed the "power tiller of a hundred uses," it is said to prepare a perfect seed bed in one operation. The Rototiller is powered by a 5-H.P. air-cooled gasoline engine, comes in 20-inch and 26-inch widths and the tillage depth is adjustable to nine inches. It may also be adapted for planting, lawn-mowing, power spraying or as a snowplow and has a convenient power take-off. The Rototiller is being shown by Lea Motors, Calgary, which also recently displayed the first of the new Frazer and Kaiser Special automobiles.



## Beekeepers Review Modern Methods of Honey Production

THE increasing interest in honey production was reflected at the 13th annual convention of Alberta Beekeepers' Association, held at Calgary, November 13 and 14. Alberta led all provinces in the production of honey this year, it has been pointed out by W. G. le Maistre, provincial apiarist. A production of 6,200,000 pounds of honey was harvested by 11,000 beekeepers, compared with 2,200 beekeepers producing 2,200,000 pounds in 1940. Average production was 86 pounds per hive. The tremendous expansion of clover seed production in the province has increased beekeeping, for the bees not only produce good honey from clover but they increase the clover seed crop by pollinating the flowers.

Considerable attention centred on American foul brood, one of the deadliest enemies of the beekeeper. This disease is most prevalent in weak hives and is contracted by healthy neighboring bees if they enter the hive to rob honey. H. O. White, M.P., Middlesex, Ontario, advised beekeepers not to stir up their bees when honey was short because this might cause them to steal from infected sources. The common treatment for foul brood is to burn the hives so as to prevent spread of the disease.

C. B. Gooderham, Dominion Apiarist, Ottawa, reported encouraging results in checking foul brood by feeding sulphathiazole to infected bees. This treatment should be administered only under supervision of the provincial apiarist or his inspector, Mr. Gooderham warned. It still is not known, however, whether sulphathiazole merely checks the disease or whether it also destroys the organisms, thus preventing spread or recurrence of the disease.

THE Dominion apiarist said preliminary experiments indicated that pollen substitutes would carry bees when natural pollen is not available. The best mixture used at Ottawa consisted of eight parts of low fat content soybean flour and one part of medicinal yeast, mixed dry. One part water to 1½ parts sugar is then mixed together. Three pounds of the dry mixture is added to five pints of the syrup, making a 10½-pound cake. This is fed in trays in a dummy hive, open so the bees can get at it, at the rate of a one-pound cake per colony.

R. M. Pugh, provincial apiarist of Saskatchewan, and secretary of the Canadian Beekeepers' Council, declared the council planned an extensive campaign to induce the public to use honey. A book of honey recipes had just been completed and would soon be distributed, he said. The council aimed at a uniform grade for honey across the Dominion, which would stabilize consumer demand.

Originally formed to process, package and market honey, the Alberta Honey Producers' Co-operative had also been active in securing supplies for beekeepers, said P. Kowalski, Bon Accord, president of the co-operative. Its earnings for the year were expected to exceed \$10,000.

Other speakers at the convention were E. H. L. Knechtel, Calgary; F. R. Armstrong, Ottawa, and P. C. Colquhoun, president of the Saskatchewan Beekeepers' and Honey Producers' Co-operatives.

Mr. White is a large-scale beekeeper with 750 colonies on his farm near London, Ontario. Production is normally 100 pounds of honey per colony, but production fell off in Ontario this year. He provides a new queen, which is reared on the farm, for each colony every year, and he carries his colonies through the winter.

R. E. English, of the Alberta Department of Agriculture, moved up from vice-president to president of the association. Past president is E. G. Goodhall, Calgary; vice-president, A. Fleming of Calgary; secretary-treasurer, Mr. le Maistre. The Alberta Honey Producers' Co-operative chose the following officers: President, Mr. Kowalski; vice-president, Harvey Smith, Bassano; secretary-treasurer, J. W. Blewett, Edmonton; directors, M. J. Zeise, Dapp; H. T. Philpott, Brooks; P. A. Slocote, Falher; M. J. Shafer, Rainier; W. R. Sterling, Westlock; Allan Graham, Coaldale; W. G. le Maistre.

### U.G.C. in Strong Financial Position; Directors Re-elected

PROFITS of \$300,178.54 for the year was recorded by the United Grain Growers Ltd. after taxes and all charges had been met, including provision of \$175,000 for patronage dividends, R. S. Law of Winnipeg, president of the company, stated when he presented his annual report at a conference of 300 delegates at Calgary early in November.

One of the highlights of the report was the company's cash position as at July 31, 1946, the end of the fiscal year. Cash on hand and in banks amounted to \$1,815,622.39, while in addition Dominion of Canada bonds were carried to the extent of \$1,890,500.

There were no bank borrowings at the end of the fiscal year although during recent years year-end borrowings have been as high as 50 million dollars. The change reflected liquidation to a large extent of the company's grain stocks due to the great demand abroad which had existed during the past year.

The company's bond issue which a year ago had stood at \$2,400,000, with coupon rates up to 4½% was retired during the year. It was replaced by a new issue of \$2,000,000, carrying a coupon rate of 3%. The meeting was informed that this issue was sold at a premium, a fact which reflected the high credit standing of the company.

The directors of the company include Mr. Law; J. E. Brownlee, K.C., Calgary, first vice-president; John Morrison, Yellow Grass, Sask., second vice-president; E. E. Bayne, Winnipeg; R. C. Brown, Pilot Mound, Man.; J. Harvey Lane, Huronville, Sask.; M. G. Allen, Neville, Sask.; J. J. MacLellan, Purple Springs, Alta.; S. S. Sears, Nanton, Alta.; H. W. Allen, Hualien, Alta.; R. Shannon, Grandora, Sask. The last four named, whose terms expired this year, were all re-elected by acclamation.

H. H. Hannam, president of the Canadian Federation of Agriculture, said in an address at the organization's banquet that international organization of food production and distribution will be a major factor in providing good farm purchasing power which in turn is essential to industrial expansion and maintaining of a high general level of purchasing power.

# WE ARE SORRY...

But due to the shortage of ingredients we are unable to fill the demand for Miracle Feeds.

We are taking all possible steps to increase our production but we wish to emphasize that we must and shall maintain the present high standard of quality.

When you do receive a supply of Miracle Feeds you may be sure they will be the same high quality you have learned to expect—The same formula and quality that have given such good results.

## "MIRACLE" FEEDS



THE OGILVIE FLOUR MILLS COMPANY LIMITED

Glass for Automobiles, All Models, Prompt Shipment  
THE BENNETT GLASS CO. LTD.  
M 1778 228 - 7th Avenue East. CALGARY



## Happy New Year!

THE T. EATON CO. LIMITED



## Give a Practical Gift!



## GIVE Canada Savings Bonds

A SUGGESTION BY

*The Brewing Industry of Alberta*

### \* FRANKLIN Protection Helps Increase Livestock Production

#### These Controls Give Stockmen Freedom!

The control of diseases and parasites with Franklin Protective Products means freedom from many forms of livestock loss.

#### Better for Blackleg Vaccination

More and more owners are vaccinating with the Franklin combination product. This newer Clostridium Chauvei Septicus Bacterin combines a full immunizing dose for Blackleg with a full immunizing dose for Malignant Edema. Gives double protection for the price of one. 10 cents, with quantity discounts.

Drug Store Dealers



Franklin Serum Co. of Canada Ltd. 110A-7th Ave. E.  
SUCCESSORS to J. A. DUNNIGAN & CO., Calgary, Alberta

**FREE** Catalog Wherever There's Livestock There's Need for Franklin's

## ACHIEVEMENT IN AGRICULTURE!

OBSERVING OUR...

40th

## ANNIVERSARY

- - Forty Years of Service to Farmers - -  
Over a Billion Bushels of Grain Handled  
That's the U.G.G. Record

TODAY THE U.G.G. IS BETTER EQUIPPED THAN  
EVER TO SERVE THE FARMERS' NEEDS  
FOR HIGHEST RETURNS AND EFFICIENT SERVICE

Deliver YOUR Grain to

**UNITED GRAIN GROWERS LTD.**

1906 Forty Years' Service to Farmer and Stockman 1946

## ELIMINATE CAUSES OF COLDS IN WINTER LAYING QUARTERS

**D**ISPOSAL of immature poultry stock and old birds before winter, reduces overcrowding and cost of feeding. Such birds are unprofitable during the months when market eggs are the first consideration, says E. Nice, Dominion Experimental Station, Scott, Sask.

At least four square feet of floor space per bird during the winter, with plenty of ventilation, helps to prevent the appearance of the common colds in poultry, with complications which often follow. Excessive dust in the house aggravates slight colds as they appear.

The first symptom of a cold is usually a collection of dust around the nostrils, due to the moist condition or slight discharge. As the cold becomes more serious there is dullness, loss of appetite, sneezing, shaking of the head and rattling in the throat.

Removal of the cause, due to unsanitary conditions, exposure or lack of ventilation, is often all that is necessary if done when first symptoms

appear. A few grains of potassium permanganate in the drinking water helps to prevent the spread of colds, but if only a few birds are affected it may be best to remove them from the flock until they have recovered. Should most of the flock be affected, a half pound of epsom salts per hundred birds given in a moist mash in troughs is helpful. When serious colds develop and the eyes become swollen, breathing difficult and noisy, treatment may not be worth much as birds so affected often become carriers of the infection after apparently recovering. Such birds, while still in reasonable condition, may better be killed for market.

**I**F the birds are particularly valuable for breeding, and it is desired to treat them individually, a drop of fresh, ten-per-cent solution of argyrol may be placed in the eyes and nostrils. Iodine or creolin should not be used.

Colds in poultry, like many other diseases, are much easier prevented than cured, hence the importance of keeping the preventative measures in mind and particularly when the birds are brought into winter quarters.

## Select Turkeys Carefully To Keep Only Best Birds for Next Year's Breeding Stock

**P**ROPER selection of turkey breeding stock of desirable market type, will have a big influence upon the final grade received for next season's turkey crop. Long legged, long necked, wedge-shaped birds, which are prominent on the forepart of the keel bone, will produce the same type of offspring.

Ideal breeding stock are plump bodied birds with long, smooth keels well rounded with fleshing throughout their entire length. Selection for this class of bird should commence as they approach maturity. Only in this way can those with early maturing qualities be marked. Final selection should be made before any birds are marketed, so that the very best birds in the flock can be kept for breeders. In addition to early maturity the birds selected should show balanced carriage, indicated by fullness of breast, medium length of leg and neck and blocky outline. These qualities can be noted while the birds are walking about the pen.

**F**INAL selection should include the handling of the birds. This is best done either by suspending them by the legs or laying them on a table with an attendant holding the bird by the legs. Both hands should be used to determine length of keel and if the keel bone is reasonably parallel to the back. Width of back should be ample and should carry well back towards the tail. If the palm of the hand is passed downward from the upper breast there should be no prominence at the fore point of the keel bone. Thickness of breast fleshing should be noted. This should be a broad "U" shape carried well back towards the rear point of the keel. Extremely deep keeled birds should be avoided as they are generally "V" breasted. Deformities such as knock knees, crooked legs and toes should be avoided.

**Fight Tuberculosis—  
Buy Christmas Seals**

### Britain Wants More Good Canadian Eggs

**A**DDRESSING a meeting of poultrymen in Edmonton recently, J. A. Peacock, Director of Egg Supplies for the British Ministry of Food, told of his country's need for all the eggs Canada could supply. He said that many things had happened to reduce the Old Country's production — to bring it down to the stage where British consumers will likely have to be satisfied with fewer eggs on the table in 1946-47 than they had in 1945. The people of Britain know all about the high quality of Canadian eggs, and these eggs hold a very favorable position in that country.

A point he stressed particularly was that Canada should ship as many eggs as possible between September 1 and January 15 of each production year. There is a very heavy demand during this season. Not only is production in Britain low at this time, but other European countries that export to Britain are in no better position.

The reception given Canadian eggs by British housewives, the bakery trade and other users is excellent. If we take advantage now of the chance offered, says the Alberta Department of Agriculture, we can build up a real market for the future. Britain can take all Canada's exportable surplus—not only while the present contract lasts, but apparently for many years after the present contract ends.

Total numbers of hens and chickens, geese and ducks on Alberta farms are all down from a year ago, according to the provincial department of agriculture. There were 9,652,300 hens and chickens this year compared with 10,166,800 in 1945. Ducks at 92,900, geese at 89,900 were approximately nine-tenths of the 1945 number. Only turkeys showed an increase, with 625,000 this year compared with 576,500 the previous year. Crop districts 10, 11, 8 and 14 had the heaviest populations of all classes of poultry.



## Costly Erosion Whittling Away At World's Vital Soil Resources, Municipal Councillors Told

★ ★ ★ ★ ★

"THROUGHOUT the world there are only about four billion acres of arable land left—some of it rather poor land—on which we must count to feed a population of more than two billion. The population is increasing while erosion is whittling away at the remaining land. World-wide we are short of good land."

In these words, the urgency of the soil erosion problem was brought home to the Alberta Association of Municipal Districts' Convention by A. E. McClymonds, Regional Conservator of Northern Great Plains Soil Conservation Service, United States Department of Agriculture. Mr. McClymonds' territory embraces Montana, Wyoming, Nebraska, Kansas, North and South Dakota. He was brought here from Lincoln, Nebraska, by the municipal districts association and the provincial government. Growing concern of rural-government authorities with the problem of soil erosion was reflected in the fact that Mr. McClymonds and another well-known conservationist, Robson Black, president of the Canadian Forestry Association, addressed this convention; while last year, Dr. W. C. Lowdermilk, assistant chief of the United States Soil Conservation Service, came from Washington to bestir support for vigorous anti-erosion measures.

The United States and Canada were originally endowed with a large proportion of the world's most fertile soil, said Mr. McClymonds. Vigor and vitality of the people degenerates if this soil fertility is lost, as revealed by examinations of selectees for the armed services during the war. Of those from areas where soil erosion has not made great headway, he said, eight out of every ten met the physical requirements. But of those from areas where topsoil has been lost, seven out of ten were rejected.

"In the United States," he said, "about one-fifth of the original area of tillable land has been ruined for further practical cultivation. A third of the 460 million acres that remain has already been badly damaged and a third is threatened by erosion. We still have enough land left to support our standard of living if we take care of it. But we cannot hope to maintain this standard if we lose much more."

WITHIN the last 15 years, however, he continued, the United States has learned much about controlling erosion. They have learned, for instance, to build terraces to stand up under the heaviest rains. They have found crops like crested wheatgrass and brome grass that tie down the soil and yield well in pasture and hay. They have learned that ugly gullies can be made into attractive farm ponds. They make extensive use of blade cultivators, which leave a trash cover on the land.

"It is probably safe to say," McClymonds continued, "that no two parcels of land are identical. Accordingly, each field requires its own particular conservation treatment."

In helping soil conservation districts, the speaker said, the Soil Conservation Service aids the supervisors in analyzing the conservation problems of the areas so they can draw up programs stating the district objectives. Then the Service's technicians help those farmers and ranchers who apply to the districts in the treatment of their land.

McClymonds emphasized that the U.S. soil conservation program is purely voluntary. The farmers must want the technical help before they can get it. Substantial majorities are required in order to vote a district into being. And after a district is organized, the farmers must ask for aid with their conservation programs.

"I don't think that any program that has ever been started anywhere on this earth compares with this one in the accomplishment of permanent, protective work on the land," McClymonds said. "Farmers and ranchers ask the technicians' services faster than we can meet the requests. In some of the districts the number of applicants waiting these services numbers several hundred."

"We have done a great deal of work. We have helped some 500,000 farmers and ranchers develop their conservation plan and are helping them put the plans onto the land. Of these, full conservation treatment has been completed on some 85 million acres. Last year was the biggest from the standpoint of conservation put on the land. At present, in 1946, we are doubling the 1945 figures."

The Alberta Federation of Agriculture, United Farmers of Alberta and Alberta Farmers' Union will be classified as agricultural societies at the next session of the legislature, permitting municipalities to make grants to them, announced Hon. C. E. Gerhart, Minister of Municipal Affairs.

Alberta is willing to sign a temporary tax agreement with the Dominion government to provide time for re-writing the constitution and making a more permanent settlement, the Municipal Affairs minister declared. He attacked "usurpation of provincial tax fields" by the federal government which he said was ruining the provinces' independence.

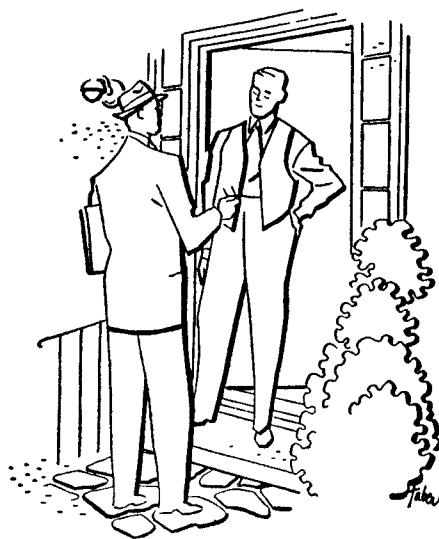
Hon. W. A. Fallow, Minister of Public Works, revealed, to the astonishment of several of the delegates, that the provincial government had spent \$100,000 in the past year on a "three-way" grant, whereby the province pays a third, the municipality a third, and the ratepayers along the affected roadway a third of the cost of road improvement. This did not cut into the regular grants of 50 per cent by the provincial government for each 50 per cent contributed by the municipal district, Mr. Fallow explained.

Another highlight of the convention was the address by John E. Brownlee, K.C., LL.D., on legal problems affecting rural municipalities.

MANY resolutions were dealt with. One urged the provincial government to maintain its legislation, due to expire early in 1947, which prohibits Hutterites from buying or renting further land. Some delegates pointed out the Hutterites endured a low standard of living and saved their money for buying more and more land. "They are encroaching on every part of the province," one delegate said.

J. M. Wheatley, Chancellor, was re-elected president of the Alberta Association of Municipal Districts and Charles P. Hayes, Strome, was returned as vice-president, both by acclamation. Emil Cammaert, Rockyford, was elected director for District 1, the south third of the province, replacing L. Halpin, Bow Island, the retiring director, who did not stand for re-election. A. B. Haarstad, Bentley, and J. Smith, Wembley, are the other members of the executive.

## In Life Insurance, too, THE TOP MEN COME UP FROM THE RANKS

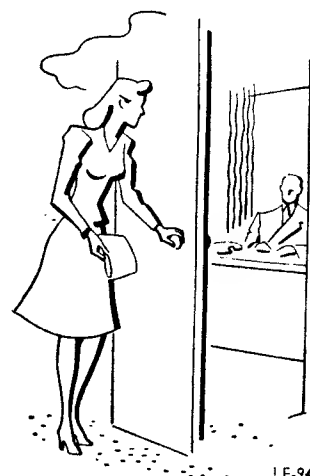


IN ANY BUSINESS it takes hard work and ability for a man to rise from the bottom to the top. But that is why our Canadian way of living has a fascination for men of ambition and initiative. Canada is a land of opportunity . . . and a man is given a chance to get ahead.

The senior positions in Life Insurance are held by men who have earned executive rank through ability and years of hard work. Life Insurance management is a steady march of new men and new ideas. And the bigger Life Insurance grows the more demand there is for "top" men.

The men who plan Life Insurance policies for you . . . the men who safeguard your savings . . . learned the hard way. They know your needs, your problems, your eagerness for protection and peace of mind. Their experience and judgment are invaluable to the policyholders of Canada.

*A message from the Life Insurance Companies in Canada and their agents*



LF-946

## It is good citizenship to own LIFE INSURANCE



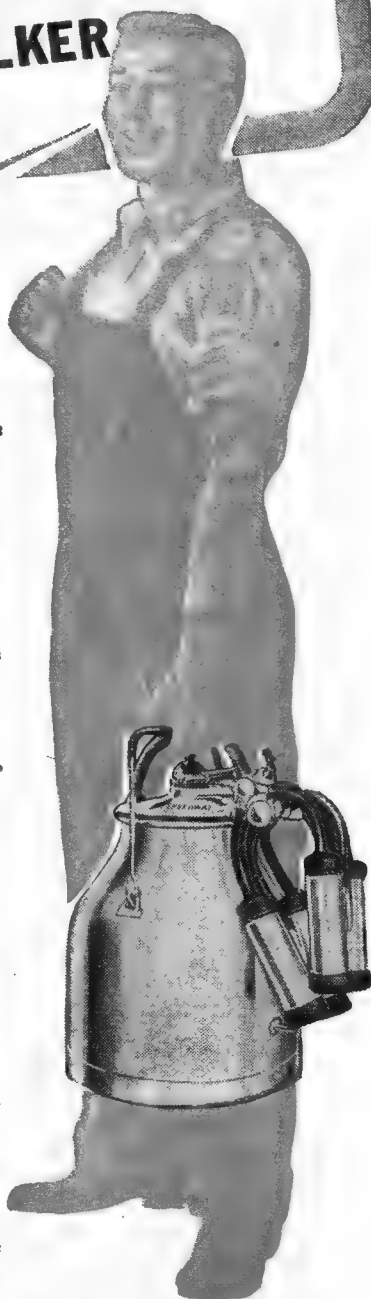
*Better for you -  
Better for the cows!*  
**THE DE LAVAL MAGNETIC  
SPEEDWAY MILKER**

THE De Laval Magnetic Speedway Milker is better for you, Mr. Dairyman, because it puts more money into your pocket and saves you a lot of time and hard work.

It makes more and cleaner milk for you . . . reduces your cost of producing that milk . . . saves barn help . . . increases your margin of profit per cow . . . eliminates disagreeable, tiring hand milking—the most disliked job on the farm . . . and through De Laval Better Milking helps preserve good udder health in your herd.

That's why it's better for the cow, too. Its fast, uniform milking action is pleasing to her . . . inducing maximum yield. It is gentle . . . comfortable . . . and kind to her sensitive udder. Cows like De Laval Better Milking . . . and prove it in terms of increased milk production.

Why not get in touch with your De Laval Dealer today . . . and give yourself and your cows a real break.



## PROFITABLE, DEPENDABLE MILKING WITH THE

### DE LAVAL STERLING MILKER

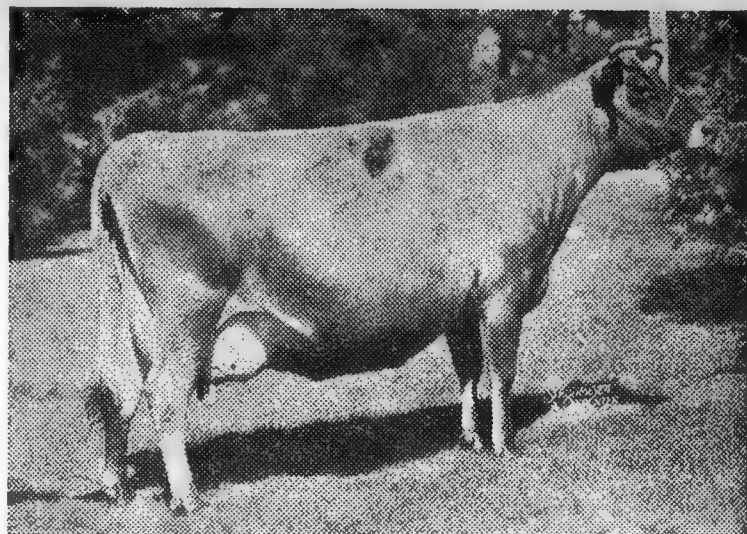


Thousands of De Laval Sterling Milker users are doing a clean, fast and profitable job of milking. The famous Sterling Pulsator has only two moving parts. It provides precise, snappy milking action . . . real De Laval quality milking at lower cost. Complete De Laval Sterling Milker Outfits or Sterling single or double units for De Laval Better Milking on your present milker pipe line.

**THE DE LAVAL COMPANY, Limited**  
PETERBOROUGH  
Quebec • Montreal • Winnipeg • Vancouver



# DE LAVAL



### ONTARIO JERSEY SETS PRICE RECORD

Brampton Molly Basil —125113—, Silver, Gold, and Medal of Merit Jersey cow with 15,026 lbs. of milk, and 854 lbs. of fat, at three years. Sold in the All American Sale of Stars at Columbus, Ohio, by B. H. Bull & Son, Brampton, Ont., for \$18,500, up until that time the highest price ever paid for a Jersey cow. She was sold to the School of the Ozarks in Missouri.

## Keep All Dairy Utensils Clean

ALBERTA Dairy Commissioner D. H. McCallum points out that cleaning of farm dairy utensils is usually the greatest single factor affecting the keeping quality of milk and cream. It may even be greater than all other combined. To keep farm dairy utensils in the most satisfactory condition they must be free from rust, folds, dents and open seams, the presence of which makes cleaning and sterilizing impossible.

To clean and sterilize utensils the milk should be thoroughly rinsed out with lukewarm (not hot) water immediately after use. The utensil should be scrubbed with a clean brush (not a cloth) in a wash tank of hot water containing a dairy washing powder. Any common brand of wash-powder containing a "wetting agent" may be used by following the directions on the package. Most dairy plants as well as dairy supply houses, can supply such washing powders in convenient packages. The utensil should then be rinsed thoroughly in clean hot water. Sterilization completes the process and is absolutely necessary to destroy harmful bacteria. Methods of sterilization of farm dairy utensils recommended are:

1. Heat treatment — Subjecting all utensils in a special hot-air oven to a temperature of 225° F. for half to one hour.

2. Boiling water — Utensils should be submerged in boiling water. Scalding the utensils with a tea kettle of boiling water from the cook stove is entirely inadequate.

3. Chemical treatment — A fresh solution of sodium hypochlorite, prepared according to directions on the package should be brushed or sprayed on to every part of the equipment so that it is wet for at least five minutes. Chlorine compounds lose their germicidal effect quickly and should only be purchased in small quantities.

If sterilization is accomplished by means of dry heat or boiling water, it should be done immediately after washing. The chemical treatment is more effective just before using the utensil.

butterfat which may range from a trifle to a quantity equal to the production of one cow in five—depending upon the temperature of the milk at the time it is separated.

Milk comes from the cow's udder at body temperature, about 98 degrees. That's when the fat globules in the cream can be most easily separated from the milk. Milk should always be separated at a temperature of 90 degrees or slightly more. One hundred and twenty-five pounds of milk containing 4 per cent butterfat will yield five pounds of butterfat. When the same amount of milk is separated at 60 degrees, the yield will be only 3.9 pounds of butterfat, a loss of 1.1 pounds of butterfat, which has floated off in the skimmilk.

A loss of 1.1 pounds of butterfat, compared with practically no loss when the cream is separated when it is warm, is like cutting a five-cow herd down to four cows. When the cost of feeding that extra cow is added to the value of the lost butterfat, it is evident that a tidy sum is passed up during the course of a year.

## CONDEMN RUSTY CREAM CANS

DAIRY Branch officials of the Alberta Department of Agriculture report excellent co-operation from farmers and dairy plants in the campaign to discourage the use of faulty containers. Four classes of containers are being condemned:

1. Cans which are very rusty inside.
2. Cans with split or open inside seams which allow milk and cream to lodge and putrify.

3. Cans in which the coating of tin is badly worn exposing the contents of the can to the bare iron.

4. Containers which are constructed of very light material, poorly tinned and with loose covers.

Containers with any of these failings should not be used for either milk or cream. Even with the best care in washing such cans, any milk or cream poured into them starts to spoil as soon as it comes in contact with the rust, bare iron, or split seams that usually contain billions of bacteria. The grade is lowered and there is a corresponding reduction in selling value. At the same time the dairy plant must turn out a product which is not of top quality.

A provincial reputation depends essentially on the interest taken by producers in shipping high quality raw milk or cream to dairy factories.

## Delayed Separation Costly in Butterfat

THE time to separate milk is immediately after milking. If it is done any other time, there is a loss of



## Cattlemen and Packers Plan to Encourage Consumption of Beef

THE long-desired meeting of meat producers and packers took place in Toronto a short time ago when the newly-organized Council of Canadian Beef Producers held joint discussions with representatives of the Canadian packing industry. It was agreed to undertake nutritional research at once. Findings of this research will be used as a basis for a beef promotion program to maintain and expand the consumption of beef products in Canada. The beef producers' council and the packers will divide equally the costs of this constructive program.

The Council was informed by the Minister of Agriculture that the United Kingdom beef contract called for supplying a minimum of 120 million pounds for each year, 1947, 1948, and not a minimum of that figure for 1947 and a maximum of that figure for 1948 as reported. Canada could do as she wished with the surplus over 120 million pounds, but the United Kingdom would take it all if asked to do so. After receiving this interpretation the council was highly pleased with the contract and decided to press immediately for re-opening of trade lanes to the United States. Other resolutions of the council favored wider spreads between commercial and higher quality beef and dropping of meatless days.

The council is hopeful that the troublesome condemnation insurance deduction problem may be solved in a manner whereby it will no longer appear on the beef cattle producers' account of sales and condemnations will be absorbed by the packers in the price structure.

## BELIEVE HOG REDUCTION CHECKED

THE high point for numbers of hogs on farms in Canada was reached at the beginning of December, 1943, when the total was 9,473,000. Since then there has been an expected decline from the unusual wartime high and the number at June 1 of this year was 5,377,300 compared with 6,025,600 on the similar date of last year and 7,741,000 at the beginning of June, 1944.

Small increases in Prince Edward Island, Quebec and Ontario were recorded at June 1 compared with a year earlier. All the other provinces showed declines, although the reductions in New Brunswick and British Columbia were small. In Saskatchewan there were only 75.2 per cent and in Alberta only 75.1 per

cent of the numbers on farms in 1945, while Manitoba had 82.5 per cent and Nova Scotia 82.6 per cent of the totals on June 1, 1945. The net reduction for all Canada was 10.8 per cent.

Indicating that the downward trend in hog production is beginning to level off, the number of sows expected to farrow declined only slightly to 507,900 at June 1 this year from 512,500 last year. On June 1, 1945, the number was 86.3 per cent of the June 1, 1944, expectations, while on June 1 this year the number was 99.1 per cent of 1945 expectations. In all the eastern provinces there was a decided increase, the most significant being in Ontario where the number was 214,700 as against 199,900 on June 1 last year. There were declines in all the western provinces, but the reductions were much less than in 1945.

## Federation to Meet In Winnipeg, Jan. 28 - 30

THE 11th annual convention of the Canadian Federation of Agriculture will be held in Winnipeg, January 28, 29 and 30, at the Fort Garry Hotel. While the detailed program is not yet completed, arrangements are being made for leading speakers to deal with national and international subjects, and it is also planned to have a full debate on the matter of a national livestock and feeds policy. Many other matters of importance to the farmers of Canada will be on the agenda.

## Believes Pork Price Too Low

PACKERS had recently made representations to the federal government to take measures to stimulate hog production in Canada, R. J. Dinning of Calgary, president of Burns & Company, declared a short time ago. He said a 40 per cent drop in hog production in the western provinces in the past year was a factor in causing Canada to lose her hold on the British bacon market.

"The price of pork is too low. It is below the price of beef, if one takes an average over a period of years." He said he was satisfied the British ministry of food was prepared to pay a price that will justify an increase to producers in Canada.

## Keep Cattle Thrifty—Kill Skin Parasites

FARM animals during the past few weeks have been moving into their winter quarters. The alert stockman will see to it that the animals are free of lice, ticks and other parasites before starting a long winter, if he expects them to make returns for the feed they will consume.

Cattle lice are common and usually found where the animals are crowded into poorly kept and badly ventilated stables. Usually the poorer, weak and unthrifty ones are affected first. It is often supposed they are infested with lice because they are unthrifty, whereas their condition may be caused by the lice. When lice are introduced into stables or sheds in the fall they may spread rapidly through the herd.

There are two species commonly found on cattle: the blood suckers, known as blue lice; and the little red biting louse. The blue lice are usually found on the more mature cattle, on the sides of the neck, brisket, inner surface of the thighs and the head. The biting lice as a rule concentrate in the region of the withers or the root of the tail, but may spread to any part of the body.

TREATMENT should be commenced as early as possible. It should cover the entire body of the affected animal and may be applied by either a hand brush or a spray. A second treatment should be given in fifteen days and in severe infestations a third may be necessary.

Any of the commercial cattle dips,

used in the proper proportions, may be recommended, or the following cheap, home-made remedy is good:

Soft soap	-----	1 quart
Hard soap	-----	1/4 pound
Kerosene (coal oil)	-----	1 pint
Water (soft)	-----	2 quarts

The soft soap and the finely shaved hard soap should be mixed with two quarts of hot soft water and completely dissolved. Add the kerosene and stir vigorously until a creamy emulsion is produced. Add a gallon of water before using. All refuse and litter should be carefully removed from the buildings following the first treatment, and the premises, including all utensils used around infested animals should be disinfected.

Sheep and lambs will not do well during the winter if bothered by ticks. Often the eggs not killed by the summer dipping hatch later and multiply during the winter. Late fall dipping is recommended, if the weather is not too cold, or the use of commercial tick powder.

## KEEP ANIMALS WARM

Veterinarians believe that a run-down condition, resulting from scanty feeding is the main contributing factor of many diseases. Good feeding develops vitality and resistance. Part of the feed that animals eat in winter must be used to keep their bodies warm. The colder the barn or shed, the more feed must go to keep the body warm. A good warm barn, shelterbelt or other protection saves feed since livestock will not need to eat so much to keep up body heat.

## Fish Oil Provides Sunshine Substitute For Winter Pigs

YOUNG pigs need sunshine. If they don't get it naturally during the dull fall and winter days, a substitute must be provided. Fish oil is one of the best sunshine substitutes available for young pigs. Its regular use will mean healthier pigs and reduced losses.

Alberta Livestock Supervisor A. J. Charnetski says that one pint of fish oil (at room temperature), should be mixed thoroughly with two gallons of warm cracked barley or wheat. To this should be added enough grain mixture to make up 100 pounds. Since fish oil loses its strength when exposed to the air for any length of time, only 100 pounds or less (depending on the number of pigs) should be mixed at one time. If you prefer to add the oil to the feed daily, you may do so at the rate of one teaspoonful per pig per day. When pigs reach the age of 3 1/2 months, green well cured alfalfa hay can be fed to advantage.

Alfalfa fed to brood sows during fall and winter will ensure stronger and healthier litters, but in sow management the need for protein balanced feed and for potassium iodide should also be kept in mind. Lack of potassium iodide in the pregnant sow's ration often results in hairless and weak pigs in winter and spring farrowed litters. This condition can be prevented by dissolving one ounce of potassium iodide in one gallon of water and giving each sow one tablespoonful of the solution per day.

**IT'S DEPENDABLE**

**Plymouth**

THE ROPE YOU CAN TRUST BECAUSE IT IS ENGINEERED FOR YOUR JOB

24-page booklet of time-saving knots and splices. Write for your FREE copy to Cordage Distributors Ltd., 590 King St. W., Toronto.

**PLYMOUTH CORDAGE PRODUCTS**

ROPE - HAY BALE TWINE  
BINDER TWINE - TYING TWINE

MIRRORS RESILVERED  
THE BENNETT GLASS CO. LTD.  
M 1778 228 - 7th Ave. East, Calgary

**OSMOSE**

Triple action  
FENCE POST  
preservative

STOPS ROT!

FOR ONLY 3 to 4 CENTS PER POST!!

Brighten up  
CHRISTMAS with  
**ALADDIN**  
MANTLE  
LAMPS

It's easy to please any woman with the bright, white cheeriness of ALADDIN. Lights instantly at the flick of a match. No fuss, no pumping up. Aladdin is as safe as it is bright... attractive too. No wonder women like it.

**ALADDIN Gives Low Cost Modern Light**

First cost is low; and fuel cost means a constant saving. Tests of many of the better round-wick lamps by 33 leading universities show that Aladdin gives more than twice the light on half as much Kerosene. So don't wait. Give Aladdin bright light—for Christmas.

**Built for Years of Service**

See your Aladdin dealer for attractive new Aladdin Lamps and colorful, long-life Whip-O-Lite shades. It takes very little money and care to keep Aladdin at top efficiency.

**Change ALADDIN to Electric**

As soon as materials are available your Aladdin dealer can furnish a simple little converter that will change your Aladdin over into a modern electric lamp in just a jiffy. Don't wait for the electric high-line; get pure bright white light now, with an Aladdin.

**MANTLE LAMP COMPANY**  
Toronto, Ont.

**Aladdin MANTLE LAMPS**



## ITCH CHECKED in a Jiffy -or Money Back

For quick relief from itching caused by eczema, athlete's foot, scabies, pimples and other itching conditions, use pure, cooling, medicated, liquid **D. D. D. PRESCRIPTION**. Greaseless and stainless. Soothes, comforts and quickly calms intense itching. Don't suffer. Ask your druggist today for **D. D. D. PRESCRIPTION**.

**Rid Livestock of  
Lice with**

# "LICIDE"

Kills lice on horses,  
cattle and pigs,  
ticks on sheep.

Buy from your dealer  
**CANADIAN INDUSTRIES LIMITED**

**SAFETY GLASS for Automobiles**  
Any Make of Car  
**THE BENNETT GLASS CO. LTD.**  
M 1778 228 - 7th Ave. East, Calgary

## UNITED FARMERS OF ALBERTA THIRTY-EIGHTH ANNUAL CONVENTION

Palliser Hotel, Calgary  
January 14th to 17th, 1947

Locals are urged to appoint their delegates as soon as possible; also to forward resolutions for the Convention to U.F.A. Central Office, 125 - 11th Avenue East, Calgary.

## United Farmers of Alberta

# Raise Ringtail Raccoons For A Profitable Hobby

By DONALD J. MACLEOD

If you want a hobby that is interesting, profitable and unique, try raising raccoons. You have the option of selling the pelts to the fur markets, breeding the young to supply other fur farms or selling the meat. If you've never tasted 'coon stew, it's a pleasure to look forward to.

Coonskin is noted for its beauty and is an accepted fur for sports wear. The mention of coonskin invariably brings to mind Daniel Boone, who always wore a coonskin cap.

The raccoon is an intelligent little animal that weighs at maturity 25 to 40 pounds. It has a pouted snout, bushy and grayish-white tail, ringed with black and nearly all have black feet. The face is whitish with a black patch on each cheek surrounding the eye.

The purchase price of a pair of grey raccoons ranges from \$20 to \$35; a heavy-furred pair have been known to sell for \$50. Pelts bring about \$5 each.

Genuine black raccoons can be purchased for \$100 and up per pair, depending on quality. These pelts bring \$30 to \$35 each.

Male raccoons are polygamous, will mate with several females, so purchase more females than males. The gestation period is 63 - 66 days, and litters run from three to six pups. It is unusual to have more than one litter per year.



RACCOONS like to eat. Possibly you've seen a wild raccoon, waiting on the banks of a shallow stream, make a quick strike with open claw at a fish swimming by and get him. His domesticated brother likes corn, any kind of table scraps of cooked or raw meats and vegetables, fish, bread, milk, fox biscuit, insects and frogs. Some raccoon raisers believe a little sugar or molasses, given occasionally, improves the fur.

Never feed tainted meat or fish to raccoons. They are clean animals and whenever possible wash their food before eating. When fed properly, a raccoon eats no more than a dog of equal weight. Remember to use leather

gloves or tongs when handling these animals, as they have sharp teeth.

The black raccoon is like the bear in that it hibernates during the cold months of the year. During the hibernation period, the raccoon eats practically nothing. It makes practically no noise and does not smell as do most wild animals. It lives long, is easily fed and has a greater immunity from disease than any other animal. Just recently a fourteen-year-old female had a litter of young.

An outdoor pen is inexpensive and easy to construct. The pen should be shaded from the sun. Use fir or spruce lumber 2 x 3 inch and No. 15 gauge, 1½-inch galvanized wire mesh. The pens should be 6 ft. high, should contain at least 40 square feet. Wire should be put on top, sides and ground, so the raccoon can't escape. A wired opening should be made at one end of pen to serve as entrance.

Pens should be constructed side by side in rows about 20 inches apart and bedded with straw or hay. Each pen will hold three females and one male during cold weather and the breeding season.

Do not allow visitors in to see raccoons during the breeding season, which is between December 15 and June 15. Before the litter arrives, other 'coons should be taken out and the pregnant female left alone until newly-born are large enough to be weaned. When the young pups emerge from the pens, give them milk and bread sop and gradually porridge and milk until they begin to feed with their parents. Do not disturb the young until 18 - 20 days old. Feed three or four times a day until they are three months old.

RACCOONS den up for the winter and at this time clean straw should be provided for the dens. The dens should be 3½ feet long, 2½ feet wide, 2 feet 3 inches high at back and 2 feet high in front with hinged wooden lid covered with roofing paper. Have the den 18 inches off the ground and hang water containers on the sides, with a 10-inch hole for entrance.

Young raccoon pups make interesting pets for children and can perform stunts, which disproves the view of some people that the raccoon is stupid.

You'll find these little fellows with the patches on their cheeks will not only make money for you, they'll provide something better — many hours of relaxation and fun.

## Imperial Bank Assets And Loans Increased

Increase of over \$35,000,000 in deposits by the public is shown in the financial statement of the Imperial Bank of Canada for the year ended October 31, 1946, which appears elsewhere in this issue. Total assets are at a new high of \$403,550,419. There is a substantial increase, \$24,000,000, in commercial loans. Profits were \$940,096, after provision for taxes and contribution to staff pension fund and compare with \$915,420 in the previous year. Dividends paid were \$700,000, compared with \$560,000.

Investments in securities total \$215,610,953, an increase of over \$10,000,000. Largest holding is of Dominion Government bonds maturing in two years or less, amounting to \$102,898,899. Longer term Dominion Government issues have been increased by \$35,000,000 to \$88,970,715.

Increase in current loans, which now total \$105,688,527, is significant as these loans reflect the activity in post-war business. Call loans, reflecting activity in financial markets, are \$7,284,418, down moderately from the previous annual report.

# Travel by Train

## FOR GREATER COMFORT

# CANADIAN NATIONAL RAILWAYS

the "ALL-WEATHER" way

Hot or cold, rain or snow, you will enjoy air-conditioned comfort, restful sleep, delicious meals.

For business or pleasure - - -  
travel Canadian National

## TO EVERYWHERE IN CANADA





## MANY IMPROVEMENTS COMING IN FARM MACHINERY DESIGN

**M**ANY new developments in the farm equipment field have yet to reach the farm in volume due to conditions over which the producers have had little control. As the material and labor situations improve, however, farmers may expect an increased flow of new machines, many of improved design, says J. M. Armstrong, Agricultural Engineer, Central Experimental Farm, Ottawa.

A notable trend is to tractor-mounted equipment with new power take-off applications including hydraulic controls. Ingenious mountings for quick change of equipment have facilitated design of higher and more complete lines of implements and tools to allow full utilization of the tractor. These include mounted plows, cultivators, row crop seeders and planters, sprayers, together with a tractor mounted grain combine, a potato digger and sugar beet harvesting equipment; tractor mounted manure loaders, shovels and power post augers.

Farm tractors in the one-plow size, developed by several firms, should fully meet the power requirement of the smaller farm. Gasoline engines with fuel-injection pumps are being studied. Efforts are being made to build smaller and lighter diesel tractors; to improve power transmission and to provide a power take-off for wheel tractors which will operate independently of the main clutch. This would facilitate spraying, haying and other operations.

In tillage equipment there are new rotary tillage machines, new varieties of blade weeders and improved designs of one-way discs. A weeder fired with liquid fuel has now become available and will shortly be tried on various crops at the Central Experimental Farm.

**SPRAYING** equipment developments include straddle mounting of tanks on a tractor and the use of rotary pumps which have been used successfully for chemical control of weeds and are being tried for insect control and plant diseases. An improved style of liquid-duster has also become available. This machine consists essentially of a turbine-type fan into which dust is fed and the air blast used to atomize a liquid spray which serves as a sticker for the dust or the machine may be used as a sprayer only. The Experimental Farms have just conducted a number of tests in Eastern and Western Canada with this type of equipment on chemical control of weeds with encouraging results.

### New Haying Tools

Harvesting equipment is the line of machinery in which there is possibly the greatest number of innovations. Haying tools include a variety of buck rakes, combination loaders, stackers and power shovels. Forage crop harvesters which cut the standing crop and reduce it to ensilage lengths or pick-up hay from the windrow to produce chopped hay are available, as well as several styles of one-man field balers which automatically tie the bales. Bale loaders, ensilage blowers and wagon lifts or unloaders are auxiliary equipment.

One style of forage crop harvester with corn attachment has proved reasonably well adapted for chopped hay;

grass and corn silage. In connection with haying methods, tests have also been made of barn drying equipment for hay. With a fan of 15,000 cubic feet capacity, hay at 35 per cent moisture was reduced to 15 per cent moisture in approximately one week.

In the line of grain harvesting equipment, the width of cut has been slightly increased on one or two small combines and a limited number of small self-propelled combines of seven-foot cut have been produced. A tractor-mounted combine has been developed as well as portable grain drying equipment.

**M**ECHANIZATION of sugar beet production has progressed rapidly during the war years. Precision planters have been developed to handle segmented or single seed and cross blocking attachments for the ordinary row crop cultivator have enabled almost complete mechanical thinning. Topping, lifting and loading machines and beet harvesters that top, lift and load, have been introduced.

While the supply of these machines is still inadequate and some operating difficulties have yet to be overcome, the back-breaking work of handling beets on the farm should soon be a thing of the past. At the factory, mechanical unloading and handling has been successfully applied.

The developments outlined are indicative of the progress being made in mechanization of field operations.

...

## Watershed Forests Guarantee Alberta's "Firm Foundations"

**A**LBERTA'S creeks, rivers and wells would run dry and the province would become a desert, were it not for the year-round melting of snow which is cradled in the mountains. The mighty ranges of the Rockies provide an enormous "cold storage system" which furnishes an abundance of water over Alberta throughout the year.

This is explained in a booklet, "Alberta's Firm Foundations", written by Leonard D. Nesbitt of Calgary for the Canadian Forestry Association. But the author emphasizes that if it were not for the protection of the tree growth on the mountains, the melting season would be short instead of year-round. There would be a great rush of water and then there would be a drying up, with meagre streams trickling down river beds, wholly inadequate in volume to meet prairie requirements.

"The outstanding enemy of Alberta's mountain forests is fire," the booklet declares. "Except for lightning all conflagrations are of human origin—the tossed-away match or lighted tobacco, or the unextinguished campfire. The people of Alberta must be made aware of the imperative need to protect the mountain forests against fire. Their wishes, in turn, must be impressed upon the responsible government authorities. Tragedy has stalked the woodland resources of the east slope of the Rockies. Its devastating course must be arrested and the future record written in terms of full and rapid regeneration and a visible upbuilding of the sources of our provincial security. To lose a single season in applying the remedy is to compound the penalties upon the future."



## FEEDS SCORE AGAIN!



Left to right: Highest-priced heifer in the Calgary Fall Show; Reserve Champion and Grand Champion.

Macleod, Alta.,

Oct. 22, 1946.

United Grain Growers Limited,  
Calgary, Alta.

Dear Sirs:—We have been feeding Money-Maker Beef Making Concentrate to our heifers in preparation for the Calgary Fall Livestock Show. We brought nine heifers to the show and received **GRAND CHAMPION**, Reserve Champion, and one heifer brought the record price of the show, \$1,150.00.

We feel Money-Maker feeds should get some of the credit, and we want you to know how well satisfied we are.

(Sgd.) Hunter Bros.,

Per: Howard Hunter.



## BEEF MAKING CONCENTRATE

A Quality Product Manufactured by

## UNITED GRAIN GROWERS LTD.

Over 40 years' service to Farmer and Stockman.

Two Machines  
With Exclusive  
Features All  
Farmers Want

## Renn Truck Grain Loaders and Renn Rotary Rod Weeders

For grain hauling by truck, the Renn Truck Grain Loader and Unloader has many exclusive features appreciated by farmers and truckers. For instance, the Safety Slip Clutch automatically releases mechanism should a rock or other obstacle enter the spiral conveyor; a turn of a lever is all that is necessary to change from loading to unloading position; moving parts enclosed and run in oil.

Farmers everywhere are acclaiming the superiority of the Renn Rotary Rod Weeder . . . With its patented independent floating power-wheel drive, it cuts at the depth to which it is set no matter how uneven the land may be . . . A small deposit now will assure you of a weeder in the spring.

See Your Local Dealer or Write . . .

## Perfection Machine Works

Dept. D.

5th Avenue & 3rd Street East

CALGARY, ALTA.

Stationary Grain Loaders.

Truck Power Take-Offs.

Braden Truck Winches.



## GOOD WHITEWASH FOR POULTRY HOUSE

Dissolve 15 lbs. common salt in 7½ gallons of water. Slowly add one sack of hydrated lime, stirring vigorously. Thin this to milk-like consistency with water.

Also, here is another formula: Make a paste of one sack of hydrated lime and 7 gallons of water. Dissolve 1 lb. common salt and ¼ lb. of zinc sul-

phate in one gallon of boiling water. Allow this to cool. Pour this last solution into the lime paste solution a little at a time, stirring constantly. Stir in 2 gallons of skim milk.

Farmers could save themselves a lot of money if they would go to Dominion Experimental farms and get the latest information on new types of farm machinery.



## Season's Greetings to ALBERTA FARMERS

As the 1946 season draws to a close, Good Wishes of the Alberta Department of Agriculture are extended to farmers of the Province.

The contribution which agriculture made to winning the war is not less important than its contribution to winning a lasting peace. Efficient production of agricultural products and conservation of soil fertility are primary objectives in a sound agricultural system. The Alberta Department of Agriculture offers many services to farmers to assist them in reaching these objectives.

Alberta Department of Agriculture  
Edmonton, Alberta

Hon. D. B. MacMillan,  
Minister

O. S. Longman,  
Deputy Minister

## Handy Devices

By Courtesy of The Popular Mechanics Magazine

### SCREEN GUARDS TREES AGAINST RABBITS AND MICE



WRAPPING pieces of wire screen around young fruit trees will keep them safe from girdling by rabbits and mice. The screen is fastened to the tree with heavy wrapping cord. Unlike paper, which will become pulpy when exposed to rain and snow, the screen will remain during all seasons.

### MILK CANS KEPT IN STOCK TANK WILL NOT FREEZE

DURING cold weather it is necessary that milk awaiting delivery to dairies be kept from freezing. One dairyman sets the cans of milk in a stock tank that has a heater and the warm water keeps the milk from freezing.

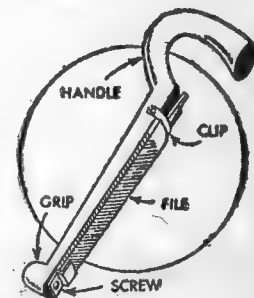
### FILE HAS PISTOL-GRIP HOLDER

WORKING with a large file or wood rasp is easier if you fashion the holder shown here. The pistol-grip handle and the knob grip provide a comfortable hold. The file is held with metal clips screwed to the holder.



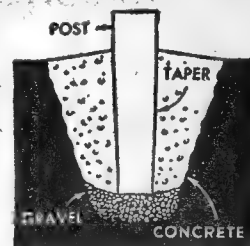
### EXTERMINATOR APPLIED TO CREVICES THROUGH OILCAN SPOUT

INACCESSIBLE cracks and crevices in the chicken house can be reached with lice exterminator by using an oilcan having a long spout. If a dry powder is used it should be a fine grit that does not tend to stick together or to the container. It may be necessary to cut off a part of the spout so the hole will be big enough.



### PREVENTING POSTS FROM ROTTING

A FREQUENT practice is to set fence posts in concrete with no provision for drainage of water that may work down around them and accumulate between the posts and concrete at the lower ends. To avoid this condition, set the posts on cinder or gravel bases and pour the concrete around them.

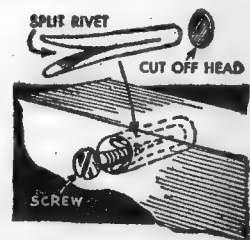


### TO CUT BUILDING PAPER

IF you have found it difficult to make clean cuts in asphalt felt or building paper, try this simple method. Instead of starting the cut at the edge of the paper, start about 2 inches inside and pull the knife across the roll. Complete the remainder of the cut from the inside toward the edge.

### SPLIT RIVETS HOLD SCREWS

A SPLIT rivet can be used to anchor a small screw in concrete or brick. The rivet should be a loose fit in the hole into which the screw is to be driven. Cut the head off the rivet and insert it in the hole with the split end outward. Then drive the screw between the halves.



### TRACTOR USED TO WIND BARB WIRE

A SIMPLE method to wind barb wire when farm fences are being taken down involves use of a tractor to wind the wire on large spools from which it can be readily reused.

Several large, empty cable spools were obtained by an American farmer from his local hardware store. One cable spool was anchored firmly to the tractor drive wheel by two bolts. The tractor was then placed near the end of the wire to be wound up, the drive wheel with the spool attached raised off the ground, and the other drive wheel firmly blocked. Tractor power was then used to wind the wire onto the spool.



DRIVE IN AT THE SIGN OF THE BELL

Bell Bulk Stations at Calgary, Edmonton, Red Deer, High River, Drumheller, Lomond, Bowden and Grande Prairie.



# Pioneer Homesteader Keeps History Alive

By KERRY WOOD

THERE should be a man like John Kerr in every pioneer district of Canada. Mr. Kerr is a fresh-complexioned Scot who farms at Alhambra in Central Alberta, and he has written an excellent history of his region, sixty-two pages of fascinating news about the settlement of a farming community which started in 1906. Penned in a plain scribbler, the history has been passed

from hand to hand among Mr. Kerr's friends and neighbors and has brought them a great deal of pleasure and satisfaction, seeing in black and white a worthwhile record of "the good old days". The names and dates in the history are of chief interest to the community about which he has written, but many of Mr. Kerr's humorous tales will amuse folk in any part of Canada, and such incidents have been selected from his book for presentation here.

Writing about the early labors of clearing the land and breaking the virgin sod, Mr. Kerr often mentions the oxen. He relates that there were only two kinds of oxen: one type were Slow Oxen and the second variety were Slower Oxen! The ponderous beasts had a trick of hiding from the homesteader anxious to catch his draft cattle first thing in the morning. Usually the boss-ox was guided to the grazing cattle's whereabouts. But often the bell was mute and the animals seemed fiendishly clever at hiding. In fact, this brought about a legend among the Alhambra homesteaders to the effect that the belled ox always lay down to keep the bell quiet, while the other oxen plucked grass and fetched it as tribute to the

belled animal to permit them to prolong their freedom from work.

MR. KERR makes frequent reference to haywire, used for so many purposes on every farm. As he writes: "Haywire is still the farmer's friend, but in those early days it was his closest relation." Every homesteader, upon setting out on a journey, made sure of having a plentiful supply of haywire in his wagon, plus an axe and a logging chain, then he felt reasonably prepared for emergencies. Because the roads at that time were terrible and every trip was filled with strenuous hazards. As he despairingly writes: "Those early roads would have bogged down a goose!"

A trip in to the nearest settlement for supplies was therefore a major undertaking. But the spirit of neighborliness was wonderful, and if one homesteader was making the journey he always let his neighbors know about it in good time. These folk would tell their friends, who passed it on to their neighbors in turn until a whole string of farmers sometimes living miles apart would know of the first man's intention of making the trip to town on a certain day. He was then commissioned to buy salt for one person, tobacco for another, flour and sugar and tea for others, while letters were sent from far and

near for him to mail. When he got to the town he picked up the mail for everyone in his district, plus all the store commodities they had ordered, then delivered them to his nearest friends who passed them on across the fields to their neighbors until all were served. In this way a fine community spirit was developed which made the hardships of pioneering far more endurable. Mr. Kerr writes that people seemed to have more time to be friendly during those by-gone years.

Mentioning again the wet weather of the early days, he relates that it



MR. AND MRS. JOHN KERR

At their Alhambra home.

was an easy matter to locate a good well. Almost any hole, dug anywhere, would strike water. One friend of his had a particularly deep

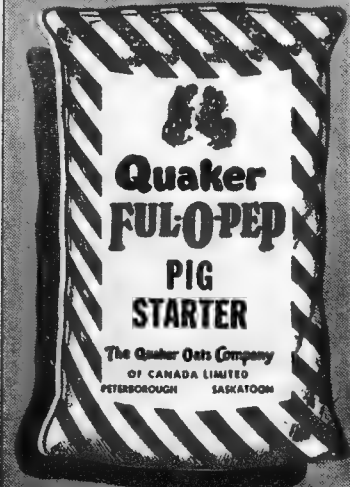
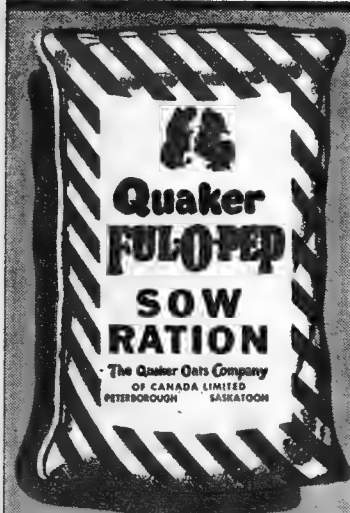
well of twenty feet; one wet spring this neighbor went around bragging that his twenty-foot well had twenty-three feet of water in it!

THE two major problems of the early homesteaders were, first, the proper establishment of quarter-section lines; secondly, what was the best substitute for tobacco! Apparently the smokers were always running out of tobacco, so with true Canadian resourcefulness they tried many substitutes. Chickenberry leaves, Kinnykinick as the Indians called it, was one popular substitute, though some preferred chokecherry bark. Others tried tea leaves after they had been used for tea making and then dried out. Some found the dried leaves of the wild raspberry to their liking. And, in a pinch, a pipeful of slough hay was better than nothing at all — though not much better!

You'd think such practices would be unhealthy, but Mr. Kerr stresses that homesteaders were a remarkably healthy crowd. They had to be; roads being what they were, a doctor could hardly make the forty mile trip out to visit them in time to do any good. Every pioneer was, of necessity, his own doctor, and they placed their faith in three standard remedies. One was a by-gone patent medicine called Mother Seigal's Syrup, used for almost any ailment from toothache to lumbago. Another remedy found in every shack was epsom salts, a necessary tonic where men had to eat their own cooking! The third cure-all was a still popular ointment used on cuts and bruises received while taming the wilderness.

Mr. Kerr writes of the time a valuable horse got sick with colic and the

(Continued on page 38)



## FUL-O-PEP

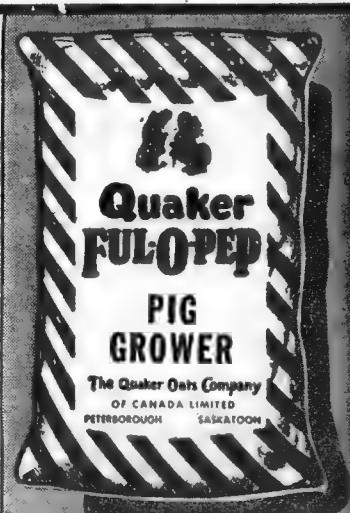
**Feeder Writes:**

I recommend Quaker Ful-O-Pep complete Hog Feeds as excellently balanced feeds . . . well worth trying even by men who grow all their own grain. We use about 600 lbs. of Quaker Ful-O-Pep Hog Feeds to produce a market hog . . . and get them off to market in six months. We figure our overall cost for a 200 lb. hog at \$19. Other schools operated by us report similar experiences.

Rev. E. J. Staley,  
Morley Indian Residential School.

### FUL-O-PEP'S HIGH QUALITY MAKES FRIENDS!

The balanced feeding of hogs from birth to market nets higher grades and bigger profits. Hog raisers with an eye for extra profits report that high quality Quaker Ful-O-Pep Hog Feeds reduce feed costs and make hog raising more profitable. The Ful-O-Pep Hog Raising Plan begins with feeding the sow vitamin-rich Ful-O-Pep Sow Ration for bigger, healthier litters. At 10 days of age start little pigs on easily digested Ful-O-Pep Pig Starter. For growing and finishing use Ful-O-Pep Pig Grower and Hog Finisher or a grain balanced with Ful-O-Pep Hog Feed Concentrate. For complete information on the profit-making Ful-O-Pep Feeds, see your local Ful-O-Pep dealer.



# FUL-O-PEP The Feed of Champions!





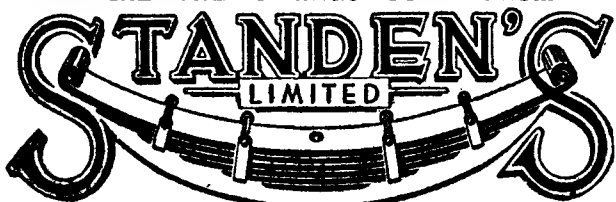
The Place To Do Your Christmas Shopping.

**Hudson's Bay Company**

INCORPORATED 27 MAY 1878

CALGARY

"WHERE THE SPRINGS COME FROM"



Spring Manufacturers, Parts, Service.

Order Desk: Phone M 7864

Office Phone M 7865

24th Ave. and 3rd Street S.E., CALGARY, ALBERTA

## A Christmas Message

By CHARLES DICKENS

AND IS OUR LIFE HERE, at the best, so constituted that, pausing as we advance at such a noticeable milestone in the track of this great birthday, we look back on the things that never were, as naturally and full as gravely as on the things that have been and are gone, or have been and still are? If it be so, and so it seems it must be, must we come to the conclusion that life is little better than a dream, and little worth the loves and strivings that we crowd into it? No! Far be such miscalled philosophy from us, dear Reader, on Christmas Day! Nearer and closer to our hearts be the Christmas spirit, which is the spirit of active usefulness, perseverance, cheerful discharge of duty, kindness and forbearance! It is in the last virtues especially, that we are, and should be, strengthened by the unaccomplished visions of our youth; for, who shall say that they are not our teachers to deal gently even with the impalpable nothings of the earth! Therefore, as we grow older, let us be more thankful that the circle of our Christmas associations and of the lessons that they bring, expands! Let us welcome every one of them, and summons them to take their places by the Christmas hearth. Welcome, old aspirations, glittering creatures of an ardent fancy, to your shelter underneath the holly! We know you, and have not outlived you yet. Welcome, old projects and old loves, however fleeting, to your nooks among the steadier lights that burn around us. Welcome, all that was ever real to our hearts; and for the earnestness that made you real, thanks to Heaven!

## Alberta Wheat Pool

## Editorials by PRACTICAL OBSERVERS

ALTHOUGH farmers are in a more or less prosperous condition in Central Alberta which includes Stettler district, there was a time not so long ago when foreclosures on farm mortgages were taken as a matter of course and farmers who had lost their farms by foreclosures were leaving the country and starting up again in British Columbia or in the States. This movement is now a thing of the past and young men are taking over many farms from their former owners and starting out in farming with much more favorable prospects than their parents had twenty-five or thirty or forty years ago. Actually the foreclosures at the present time are only half as large as they were during the prosperous years of 1928 and 1929 and one-tenth as large as they were during the depression period of the nineteen thirties. Foreclosures now represent about 5% of all farm mortgages in Alberta and among these unfortunate farmers are many men who were not fitted for farming in the first place or had settled in dry areas where nobody could make a success of the business. —Stettler Independent.

### Fewer Farm Foreclosures

they declared they would not milk cows and feed pigs for Mr. Ilsley. What they meant was that if they, their wives and children, were to be penalized by the payment of income taxes on the additional money earned at these hard and disagreeable tasks they were being unfairly discriminated against. The drop in value of Saskatchewan's dairy products in the last couple of years tells the story of their resentment. According to Percy Reed, provincial dairy commissioner, dairy production has dropped in value from \$35,315,000 in 1944 to \$34,430,000 last year. There was a drop in milk production of 8.6 per cent, or from 2,144,660,000 pounds in 1944 to 1,958,815,000 in 1945. There was also a decrease of 14.9 per cent in butter production. The number of milch cows have increased from 525,100 to 529,000.—Yorkton Enterprise.

### Production And Taxes

NEARLY every Canadian, especially those in the three western provinces are aware of the need for greater population. Thousands upon thousands of acres of land are available for new settlers and there are openings in the industrial set-up for skilled workers and tradesmen. An influx of new settlers would be welcomed as a further step to greater prosperity in this country.

★ ★

Only Selected Immigration

### Only Selected Immigration

While Canadians would favor an increase in population by way of immigration, there is no doubt that they would be very particular about the class of immigrants coming to this country. This is one of the most important features of an immigration policy. At one time almost any type of person was allowed to come to Canada, and today we wonder if this was sound judgment.

Increased population in Canada would be a wonderful thing, but strict measures concerning the type of immigrants and the conditions upon which they are allowed in this country must be practiced.—Hanna Herald.

★ ★

THE present is not the first and only time that complaints have been voiced about Saskatchewan roads but the petitions which have already gone to Regina reflect the opinion of motorists and truck drivers on the condition of them in this part of the province at the present.

Lack of maintenance is quite evident regardless of differing opinions as to whether they need gravel or not. This is apparent on No. 18 which runs east from Estevan and connects at the Manitoba boundary with the roads of that province. Both highways run over the same kind of soil and under similar conditions yet within fifty yards the difference in travelling conditions is so marked that it does not require boundary signs to tell one which province he is in.

Coming from the east the sign "Welcome to Saskatchewan" is soon followed by a series of holes that warn the tourist he is in for a rough ride and the warning is not a false one. It is true that some sections between the border and Estevan are

SATISFACTORY progress is being made on a number of projects undertaken by the B.C. Power Commission. At Quesnel materials are being assembled for the construction of a new power plant. At Schelt the 150-kw. Diesel generating unit, transferred from Duncan, is now on the side and being installed. At Golden, building material is being assembled for the construction of a new Diesel generating plant there, while in the Peachland district the poles have been set from Peachland to Greata Ranch, but the completion of the work has been held up on account of late delivery of wire conductor. A small crew is at work replacing poles in the old Peachland system, which was taken over by the Commission, and work has commenced on the construction of a distribution plant in the village of Terrace. —Country Life, Vernon, B.C.

### B.C. Extending Power Lines

★ ★

THIS part of Alberta, generally known as that within the Edmonton district area (Vegreville is only 60 miles from Edmonton), has been

curiously favored within the past two weeks by the finest threshing weather ever known in Alberta—except for some very high winds last week, which probably hindered threshing to some extent . . .

It is impossible to explain why this district should be so favored, but there it is; and our farmers instead of squawking their heads off about prices and so on, should be on their knees, within reason, thanking their gods, Stalin or Lenin or Marx, or just the usual God that most of us favor, for His goodness to an undeserving people.—Vegreville Observer.

★ ★

IT is now apparent that a goodly proportion of Saskatchewan farmers were not fooling when



much better than others but little of it is really good or as good as a gravel road with proper maintenance should be.

Added to the roughness of the roads is the prevalence of weeds on both sides. In some cases these are three and four feet high and present an unkempt appearance, which when coupled with lack of maintenance can quite fittingly give a stranger the impression that the highways have almost been forgotten.

Good roads, well kept, are a vital necessity in this province. They can assist in reducing the marketing costs of grain and other farm products and as such are of economic importance to all farmers.

A consistent campaign of maintenance should be entered into by the Department of Highways not only to bring our highways back into shape for our own economic good, but to make it clear that we are sincere about this tourist business.

Extra revenue from licenses already collected, should assist quite a bit in attaining this end. — *Estevan Mercury*.

★ ★

**POLITICAL** talk is pretty general. Not a few observers now believe that it is highly probable that there will be a general election in 1947, or 1948 at the latest.

**The Wheat Agreement** The recent by-election results have been analyzed in a thousand ways, but all that comes out of all this is that the Pro-Cons carried two seats, which were good fighting ground for them. The wheat agreement unquestionably played a part in the Portage la Prairie case. Some observers argue that, since the Liberals were for it, and the C.C.F. as well, the fact that the Pro-Cons elected a minority candidate shows that more votes were cast for the wheat agreement than against it, but that is a poor argument. The agreement was merely one of many issues, and many farmers who voted Liberal did so despite distaste for the agreement, while others voted Pro-Con who probably thought that the agreement was good. The important thing is that the wheat agreement almost certainly gave the Pro-Cons the narrow margin by which they elected their candidate.—*Fort Erie Letter Review*.

★ ★

**EVERY** once in a while some citizen takes his pen in hand and writes to the papers, alleging that large quantities of Canadian butter have been shipped overseas. Recently, a correspondent of one paper made the astounding assertion that 1,500,000 pounds of butter had been shipped to Latin and South America and even Alaska.

How far he was wide of the mark is shown by an official statement of the Wartime Prices and Trade Board that only 100 pounds, or two boxes, of butter had been exported to Alaska, and that was to meet the needs of a small community which could be conveniently reached only from the Canadian side.

As regards Latin America, exports amounted to 300 pounds, or five boxes, and this went to Colombia for the use of a group of Canadian nationals in that country.

The only other places to which Canadian butter is exported is to Newfoundland and the British West Indies, which have always drawn a considerable part of their requirements from Canada, and the total export in this direction is about one per cent of Canadian production.—*W. P. T. B. Bulletin*.

## Beaverlodge Youths Scholarship Winners

**WINNERS** of the W. D. Albright memorial scholarships offered to Peace River young people are Douglas Mackie and Maurice Burgess, both of Beaverlodge. Both are veterans of service in the R.C.A.F. and have high scholastic records in their rural schools in the North.

Mackie's scholarship award of \$100 will be taken in the agricultural

course at the University of Alberta, while Burgess' \$50 award will be paid during his attendance at one of the provincial schools of agriculture. Selection of the successful candidates was made by a board of five judges consisting of the district agriculturists serving in the Peace River district.

...

U.F.A. co-operative associations did a business of \$3,500,000 in the year ending October 31, it was reported to

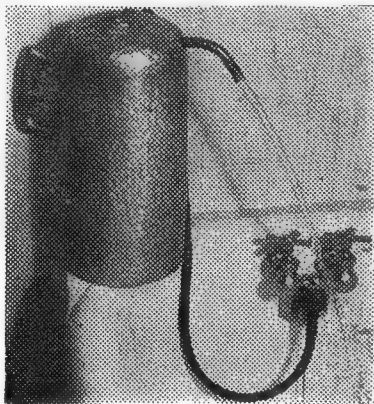
the annual conference in November. The 15 stores in the province had a turnover of \$1,600,000, it was disclosed. Volume of fuel and oil distributed was 8 million dollars, reported Ralph MacKenzie, manager of Maple Leaf Petroleum Ltd.

D. H. Smith, Cereal, and Charles Fawcett, Consort, were elected as representatives on the central board from the affiliated co-operatives.

*Buy Christmas Seals*



# HERE NOW!



## Water Softener

For  
Only

# \$45



Easy To Handle  
And Regenerate  
Fits Any Tap  
Full Guarantee  
Smart Looking  
Saves You Money

**J**UST like its big brother, the larger permanently-installed NORCO Water Softener, this smart new portable model has two to three times the water-softening capacity of ordinary softeners. Every woman will want one because it makes skin and hair soft, lustrous and lovely . . . makes laundering easy . . . saves soap and prolongs the life of Nylons, silks or any laundered articles.

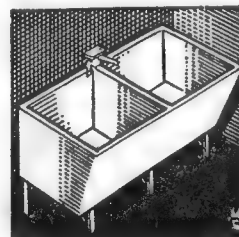
For complete information about this attractive, easy-to-use NORCO Water Softener, or its big brother, the permanently-installed fixture, write to . . .

# E. Lauritzen

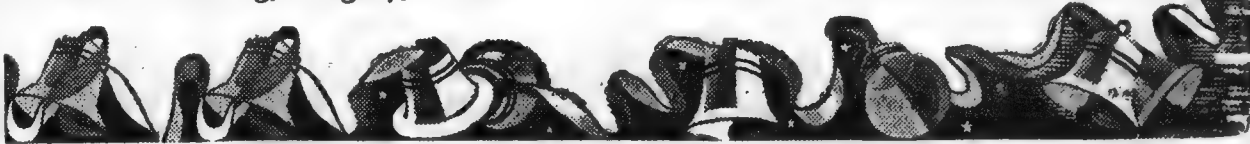
DISTRIBUTOR OF NORCO PRODUCTS

28 Union Building, Calgary, Alta.

M 7587



NORCO makes  
clothes last  
3 times as long.







## VESSOT GRINDERS

Sizes 6 1/2" to 15" with ball bearings to reduce friction and increase capacity per hour. Grinds even smallest seeds. Double-sided plates for longer wear.

Parts & plates always in stock. Send for circular

**S. VESSOT CO. LIMITED**  
JOLIETTE, QUE.

or any branch of International Harvester Co.

**Fight Tuberculosis—**  
Buy Christmas Seals

## Rupture Troubles Ended

Thousands healed by our advanced method. No leg straps, no elastic, no plasters. No pressure on hips or spine. Flare pad. Different from all others. Endorsed by doctors, mechanics, clerks, everywhere. Very light. **INEXPENSIVE. GUARANTEED.** Write for information and trial

SMITH MANUFACTURING COMPANY  
Established 1893. Dept. D-55, Preston, Ont.

## Don't Neglect Piles and Colon Troubles

**FREE BOOK** — Explains Dangers of Associated Ailments



Neglected piles, fistula and colon troubles often spread infection. Learn about rheumatic and other associated chronic conditions. Write today for 122-page **FREE BOOK**. McCleary Clinic, C1276 Elms Blvd., Excelsior Springs, Mo.

## Radiators Limited

133 - 5th AVE. WEST

**CALGARY**

**M1047 TELEPHONE M1047**

Wholesale & Retail

**REPAIRING, RE-CORING AND CLEANING to Restore circulation**



"DESIRE TO SERVE—PLUS ABILITY"

**Branches at  
Edmonton & Lethbridge**

# Western Winners at 'The Royal'

(Continued from page 5)

Dean Sinclair, included the following:

Chas. Harlton and Son, Belle Plaine, Sask.: reserve senior and reserve grand champion sow; junior champion sow.

Roy Tolton, Otterburne, Man.: junior champion boar plus two 2nd.

Carl Roberts, St. Adolf, Man., one 2nd.

Alex McPhail, Brandon: one 3rd.

A. C. B. Grenville, Morrin, Alta.: one 4th.

In bacon classes, a McPhail barrow placed 1st alive and 4th dressed; Saskatchewan Swine Breeders' Association pigs stood 2nd, 4th and 6th alive; 3rd, 6th and 14th dressed.

**PERCHERONS:** Judged by Carl Roberts, St. Adolphe, Man., this section developed into primarily a duel between the exhibits of Lynwood Farm, Carmel, Indiana; Western Canadian breeders, and Gilbert Arnold, Grenville, Quebec.

Hardy E. Salter, Calgary, had the reserve junior champion mare, Carlight Koncarness, plus one 5th and one 7th prize.

W. R. Rigney, Bon Accord, Alta.: reserve junior champion mare, Carmaree.

Experimental Farm, Morden, Man.: one 1st, one 2nd, one 3rd.

R. O. Sykes, Calgary: one 1st, one 2nd.

W. R. Mowat, Greenway, Man.: one 1st.

R. E. Vance, Crandall, Man.: one 1st.

Alberta Department of Agriculture: one 2nd, one 3rd, two 4th, one 7th.

Carl J. Hanson, Bright View, Alta.: one 2nd.

B. H. Moore, Rouleau, Sask.: one 2nd.

H. R. McConachie, Cochrane, Alta.: one 3rd, two 4th, one 6th.

Robert W. Birnie, Pilot Mound, Man.: one 3rd, two 5th.

W. A. Middleton, Brandon: one 3rd, one 4th.

W. B. Thompson, Milestone, Sask.: one 3rd.

George M. Cooper, Pasqua, Sask.: one 4th.

**CLYDESDALES:** Judge T. P. Devlin, Winnipeg, awarded junior championship to Massed Review, two-year-old stallion purchased at the Edmonton Exhibition this year by Lawrence Rye, Edmonton. Mr. Rye had an additional 1st. Brandon Experimental Farm showed the reserve junior mare, artificially-bred Muirton Sensation, plus a 1st. The other championships went to Ontario and Pennsylvania.

Fred Dunn, Alexander, Man.: one 1st, one 2nd.

Robt. Haining, Bowden, Alta.: one 1st.

Experimental Farm, Indian Head, Sask.: one 2nd, one 5th.

A. E. Arnold, Shoal Lake, Man.: two 3rds, one 6th.

R. A. Cummings, Kenton, Man.: one 3rd.

A. Learmouth, Brandon: one 4th.

Donald Smith, Govan, Sask.: one 4th.

J. W. Cruickshank, Maidstone, Sask.: one 6th.

D. Binnie, Rosser, Man.: one 7th.

W. Fleming, Drinkwater, Sask.: one 7th.

Chas. MacDonald, Deloraine, Man.: one 7th.

**BELGIANS:** Senior and grand champion stallion was a Western horse: Echo Dale Filo Farceur, shown by Nestor Lombaert, Mariapolis, Man. Mr. Lombaert also won a 2nd and 3rd prize.

Robert Thomas, Grandora, Sask.:

one 1st, one 2nd, one 3rd, one 5th.

University of Manitoba, Winnipeg: one 1st.

Michael De Pape, Brussels, Man.: two 2nd, two 3rd, one 4th.

Cyril Bruynooghe, N. Battleford, Sask.: one 2nd.

M. E. Latam, Bremner, Alta.: one 3rd, two 4th.

C. Nachtegaale, N. Battleford: one 5th.

McClelland Bros., Nipawin, Sask.: one 6th.

Hardy E. Salter, Calgary: one 7th.

**DRAFT HORSES, FARMERS' CLASS** (shown on halter): MacArthur and Son, Brandon: one 1st, one 3rd, one 6th; A. J. Arnold, Boissevain, Man.: one 2nd; R. E. Vance, Crandall, Man.: one 4th.

**DRAFT HORSES** (open section): MacArthur and Son, Brandon, one 1st; G. A. Brownridge, Brandon, one 2nd; one 3rd; University of Manitoba, one 4th.

**SUFFOLK SHEEP:** The West captured all 1st prizes but one.

Victor Watson, Airdrie, Alta.: champion ram, plus one 1st, one 3rd.

A. C. B. Grenville, Morrin, Alta.: reserve ram, plus one 1st, two 2nd, one 5th, two 6th, one 7th.

P. J. Rock and Son, Drumheller, Alta.: reserve ewe, plus one 1st, one 2nd, two 3rd, one 5th, one 6th.

**HAMPSHIRE SHEEP:** The only non-Alberta winner was Cyrus E. Lowden, Niagara Falls, Ont., whose highest award was a 2nd.

J. H. Allonby, Calgary: Champion ram, plus one 2nd, one 6th, one 7th.

Harold Trentham, Morrin, Alta.: Champion ewe.

P. J. Rock and Son, Drumheller: Reserve ram, reserve ewe, plus four 1st, two 2nd, two 3rd, two 4th, one 5th.

Victor Watson, Airdrie, Alta.: one 3rd.

**SHROPSHIRE SHEEP:** Dennis Bros., Parkinson, Sask., one 2nd.

**MARKET LAMBS:** Saskatchewan Sheep Breeders, Regina, one 10th, one 12th, one 13th.

**POULTRY:** 7,000 entries, mostly of fancy breeds.

In standardbred Bronze turkeys, V. R. Hallman, Brooks, Alta., won two 1sts, one 2nd, two 3rds, one 4th, one 6th, one 7th. Hallman also won a 1st, 2nd and 5th in broad-breast Bronze turkeys.

White Holland turkey awards of two 1sts and a 3rd went to Mrs. Vera Gossop, Stony Plain, Alta.

Two Albertans also did well with Bourbon Red turkeys; Carl Soderstrom, Ardena, receiving a 3rd and 4th and Lloyd Pickard, Turner Siding, a 4th prize.

W. C. Pickard, well-known poultry fancier of Wetaskiwin, Alta., was 1st with an African gander and 3rd with a Chinese gander; 3rd with a Muscovy duck.

Single comb Black Minorca awards included a 4th to George Hurst, Calgary, who also scored 2nd in a Blue Andalusians class.

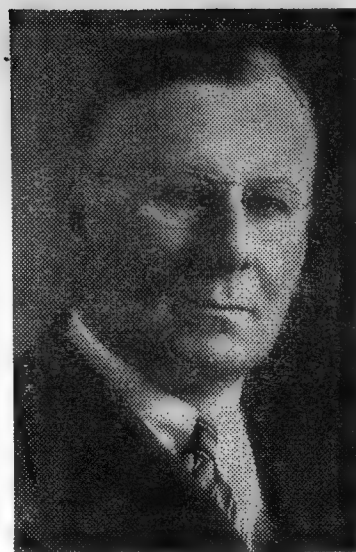
James Smith, Calgary: 8th in single combed Rhode Island Red cockerels.

Gilbert Young, DeWinton, Alta., won a 1st, two 2nds, and two 3rds in R. C. White Leghorns.

R. C. Niven, Lethbridge, was 4th in the class for Old English Game Bantams.

When down to my very last ct,  
I'm really not broke, merely bt.  
For health, friends, and mind  
Are wealth of a kind

That cannot be borrowed nor it.



## RE-ELECTED

R. S. Law, re-elected president of United Grain Growers Ltd., an office which he has held for the past 17 years.

## West Wins with Grain and Alfalfa

**WESTERN** exhibitors were outstanding in wheat, oats, barley and alfalfa open classes at the Toronto Royal.

Wm. Miller, veteran grower from Edmonton, had the champion sample of hard red spring wheat. Reserve in this class went to Fred Paverley of Wembley, in the Peace River district.

Alberta Robbins, Laura, Sask., showed the grand champion display of oats.

Thos. E. Brown, Cassils, Alta., won grand championship in barley.

Mike Caper, Meleb, Man., was grand champion winner in alfalfa.

Manitoba exhibitors scored heavily in the honey division at the Toronto show. J. W. Braithwaite, Brandon, won a 1st. Karl Knopf, Gretna, won a 1st and a 3rd. A 2nd and two 3rds went to A. G. Dalley and Son, Deloraine, and a 2nd to Wallace Sutherland, Brandon.

## Permit Required

Alberta department of agriculture has placed custom seed-cleaning on a permit basis, in an effort to stop spread of weeds.

Permits will be issued by the fields crops branch without charge to operators who can satisfy the branch that seed cleaning equipment is adequate and properly operated.

Custom cleaning plants are replacing individual fanning mills in many districts. The department says it has found cases where the custom cleaning equipment has been carelessly handled and has been a menace to communities.

## Regina Shorthorns Bring Good Prices

**SHORTHORN** breeders were well pleased with results of the purebred sale conducted at Regina on November 1, when 36 females averaged \$258. Highest price was \$750 paid by R. Patmore, Prince, to Matthew S. Longmuir, Grainland, for the first-prize three-year-old, Burnside Miss Ramsden 22nd. The heifer was bred to Killearn Norseman 33rd. Lionel Stillborn, Lemberg, realized \$500 for the first-prize yearling. In the mature cow class, John Brandt and Son, Edenwold, placed first with a four-year-old which sold at \$475.

The Republicans won control of both houses of Congress in the United States elections by gaining 12 Senate seats and 54 House of Representative seats from the Democrats: 246 of the 435 Representatives and 51 of the 96 Senators now are Republicans. The popular vote was approximately 17,900,000 Republican, 14,800,000 Democrat.

In France, the Communists carried 166 of the 618 National Assembly

## News Items of Interest

(lower legislative chamber) seats, the conservative Popular Republicans 157 and the Socialists 90 seats in the November 10 elections. On November

24, the Communists also led narrowly in the balloting for electors who will

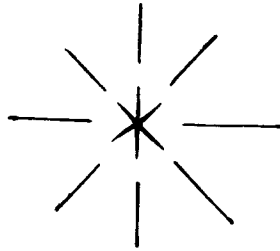
designate the 200 members of the Upper House.

Among Guernseys in Western Canada, Sunnymede Dairy Farm, Milner, B.C., had the highest two-year-old in the 365-day division: Prairie View

Patsy with a production of 9,216 milk and 463 fat. Sunnymede also had the highest 4-year-old in the 305-day division with Richmond Vamp, producer of 7,484 milk and 413 fat.

The General Assembly of the United Nations voted to consider for its headquarters any site in the United States which may be made available free or at reasonable cost.

## M E R R Y · C H R I S T M A S · 1 9 4 6



### *This Christmas is a Good Christmas!*

Beneath the lighted trees, eager children unwrap  
their precious gifts. In hearths from the Maritimes to  
British Columbia, warm fires glow. There is food on our  
tables, laughter in the air and happiness in our hearts.

Canada has earned this good Christmas,  
these good things. They are ours to enjoy because we have  
walked the middle road. We have kept our sense of values. We have  
been moderate in our pleasures . . . moderate in our  
spending . . . moderate in all things.

This Christmas is a good Christmas, and  
The House of Seagram is happy to share the joy of all Canadians  
as we and you this year say, "Merry Christmas."



## THE HOUSE OF SEAGRAM

\* \* \*



## Promising Outlook For Sugar Plant

**P**ROSPECTS are promising for a new sugar factory in the Eastern Irrigation District, which is centered on Brooks, Alta. The Board of directors of the E.I.D.'s sugar factory organization has decided to go ahead with plans for a modern factory to begin operating in the fall of 1948 "providing financial support within the district itself is forthcoming in required volume." More than \$500,000 already has been subscribed by farmers and businessmen within the past year. The balance of the cost would be financed through sale of bonds with the debentures guaranteed by the Alberta government.

**E. BURRITT ALLAN**  
INCOME TAX  
CONSULTANT  
ACCOUNTANT & AUDITOR  
87 UNION BUILDING  
CALGARY M7793

## DAD LOVES TO BE REMEMBERED

Give him and other farmer friends  
A Copy of the  
**NELSON FARM RECORD**  
this Xmas. The most useful Gift  
you could select. He will appreciate  
and remember your choice.  
See advertisement on page 37 of  
this paper.

## STORE UP FIBRE AND FERTILITY

**I**T is time we began to pay more attention to soil erosion and the growing lack of fertility in our soil. We should be seeding down some of our land—in the western part of South Alberta to brome and alfalfa and other clovers; in the eastern part to crested wheat grass and alfalfa and clovers. We should be trying to restore at least some of the fertility and fibre which we found in the virgin prairie sod.

To those who are equipped to raise cattle and sheep, this land while being rested can be used to produce livestock. In other areas the seeded down land might just be allowed to rest and accumulate fibre and fertility for two or three years and then a new field seeded down. Let's not be too greedy with the land which must be kept fertile for the next generation.—*Lethbridge Weekly Herald*

## KEEP COW WARM FOR BEST YIELD

**L**ACK of comfort is a big factor in preventing farm animals from producing up to their capacity during the winter months. Discomfort is caused by exposure, lack of bedding, drafts and dampness. A certain amount of the feed which animals consume goes to keep the animal warm and the colder the barn or shed, the more feed it will take to keep the temperature normal.

A cold, shivery cow will give little milk. Some form of shelter as a straw shed, nailing or chinking up the cracks and holes in the walls and banking up the foundation will actually save feed and result in better production.

## MILK TO FINISH BIRDS

Although crate feeding gives the best results, an easy way to improve fleshing is to pour liquid sour skim-milk along the surface of the mash in the hoppers twice daily. Only enough milk should be given that can be used within 20 minutes, and sufficient hopper space should be provided to accommodate all birds at once.

A good way to save feed is to cull all hens which are poor egg producers and sell the roosters if hatching eggs are not being saved.

## Camrose Purebred Sale Exceeds 1945 Average

**F**OLLOWING the successful pattern established last year, good average prices were realized at the second annual sale of Hereford beef cattle at Camrose, Alta., in November. Breed averages were: 66 Herefords, \$254; 30 Shorthorns, \$171; three Aberdeen-Angus, \$228. These averages were approximately 20 per cent higher than at last year's sale of 75 cattle.

The highest price of \$1,025 was paid for an eight-months-old Hereford heifer calf, "Ferrybank Gypsy", sold by Butterfield Bros., Ponoka, to C. S. Bailey, Camrose. Butterfields also sold a Hereford bull to L. B. Brausen, Ankerton, for \$525. The second highest price in the sale was \$575 realized by E. C. and R. H. Stuart, Clive, from Mohler and Bailey, Camrose, for their Hereford bull, "Stanway Domino 27th".

## SUPERVISE LOCKERS

L. H. Arnold, former owner and operator of the Three Hills locker plant has been appointed to the position of Supervisor of Alberta's Frozen Food Locker Plants. There are now 80 plants in operation and 38 approved for license. Mr. Arnold's duties will take him to these various plants which extend from Coutts to Peace River.

## Mites May Damage Damp Stored Grain

**G**RAIN mites frequently cause considerable damage to wheat and some coarse grains when grain is stored in a damp condition. With unfavorable harvest weather over much of Alberta this season, a great deal of grain is going into storage with an abnormally high moisture content. This will encourage mite activity.

Grain growers are advised by the field crops branch to check their damp stored grain from time to time, especially after the turn of the year. If grain in the centre of the bin is found to be especially warm the presence of grain mites should be suspected. To arrest the damage, the grain may be shovelled or elevated from one bin to another. If activity of mites is not checked early the damage multiplies rapidly. Further information and control recommendations may be obtained from your District Agriculturist, or from the Field Crops Branch of the Alberta Department of Agriculture.

## Artificial Light Boosts Winter Egg Production

**U**SE of artificial lights in the laying house definitely will increase fall and winter egg production. This is the declaration of Lawrence Morris, head of the poultry section, University of Wyoming, writing in the Wyoming Stockman-Farmer. The number of eggs laid in a year is not increased by the lights, he says, but instead of laying so many eggs from May on, the hen simply lays these eggs during the fall and winter.

The lights may be used one of these ways—mornings, evenings, or all night. The time the lights are used makes little difference just so they are used regularly and uniformly. The usual practice is to get an automatic clock that turns the lights on at the same time each day. Most people use and prefer the morning lights, but some use the all-night lights.

If morning lights are used, they should be turned on an hour or so before daylight and kept at the same time for a few days and then increased 15 minutes each day or two until the desired 14 hours of light is secured. A stronger light or a light of any special design is not needed. For a 20 x 20 house two 40-watt bulbs are satisfactory for morning lights. Extremely bright lights are harmful.

If all-night lights are used, two 25-watt bulbs would be plenty. Use the ordinary frosted or clear light bulb. Hang it in the middle of the house and high enough to be out of the way. It need not shine on the roosts.

All-night lights are perfectly all right. The only disadvantage is in the extra electricity used. When lights are started, they should be continued until about May 1.

No extra feeding is required, but the hens should be fed a well-balanced ration, with a good laying mash before them at all times and enough grain to keep them in good physical condition. Good alfalfa hay is always helpful in the ration for the laying birds.

## JOINS D. A. SERVICE

New district agriculturist at Claresholm is Peter Jamieson, a graduate in agriculture from the University of Aberdeen, Scotland. He came to Canada about 20 years ago and has farmed at Alhambra, Alta., for about 10 years. Mr. Jamieson succeeds C. Graham Anderson who was transferred a short time ago from Claresholm to Calgary, where he replaced B. J. Whitbread who was given the Edmonton post.

*The fastest way to smoking pleasure!*



**NOW AVAILABLE IN 1/2 LB. TINS**

# The Farm and Ranch HOUSEWIFE

DEVOTED TO THE INTERESTS OF THE RURAL WOMEN OF WESTERN CANADA

## A Puppy for Danny

By SPENCER FREER

THE short winter day was already turning to dusk, with street lights beginning to show here and there. Also it was time for the boy to go down to the big newspaper building where some half-a-hundred other boys would be milling around, yelling lustily for their papers.

"Hurry, Danny, or you're going to be late," urged his mother, glancing anxiously at the kitchen clock as she pushed the Christmas cake into the oven. Danny was a hustler when he once got started, but he did like to linger around the kitchen on one pretext and another until the very last minute, when he would make a sudden dash for it. The woman brushed a stray wisp of graying hair from her eyes as she regarded the boy.

Dan stared at her uncertainly as the cake vanished inside the oven, and the range door was closed. "Mom!" he exclaimed, almost indignantly, "there's no icin' sugar on th' cake!"

She smiled rather wanly. "Never mind, Danny Boy," she consoled, "I'm sure its going to turn out a real nice cake and I've put in extra raisins and things."

"I bet th' other kids are havin' icin' sugar on their Chris'mus cake," the boy said glumly, but a moment later he brightened, and began talking about what the other boys were having for Christmas.

THE woman sighed and busied herself about other duties in the kitchen. He was a good boy, was Danny, and always brought home his slender earnings from selling the newspapers on the street corner downtown. She hated to take from him the small amount he earned thus daily after school hours, but they were desperately poor and she had little choice. Left some years previously the widow of a kindly but improvident and happy-go-lucky husband, she had finally been obliged to go out and do housework in other and more prosperous homes in order to keep the small cottage over their heads and Danny decently clothed and going to school.



The boy was now ready for the street. He had dressed in his warmest outdoor clothes, for it was bitterly cold outside. The heavy blue sweater his mother had knitted for him and the warm leather jacket that was a sure protection against the wintry blasts that assailed bleak street corners. Hand on the kitchen door handle door he paused and looked back at his mother before going to work. He had nearly forgotten something. "Mom," he said, "wouldn't it be great if I could have a puppy for Christmas. Wouldn't it be great?"



"Danny boy," she implored, "Do hurry." As he still looked at her solemnly through the half-closed door, she added hastily, "Of course you shall have a puppy someday, darling. One for your very own."

"Billy Owens, he's gettin' one for Chris'mus", the boy said wistfully. "His Dad's givin' it to him. Billy says he's not supposed to know yet, only his sister told him."

"Yes, dear," his mother responded absently, "Only do hurry. You're late now."

The boy slammed the door rather noisily and went down the steps whistling. Some day he'd have a better puppy than Billy Owens, or any of the other kids. When he got his puppy Billy Owens would be ashamed to be seen out with his at the same time. Cheered by the picture thus conjured up, Danny stopped whistling and broke into a swinging trot that soon brought him to the side door entrance of the Times-Journal building. He was in time as it proved after all, for the newspaper was coming off the presses a few minutes late.

PAPERS under his arm, Danny hesitated outside the Grand Central Hotel and glanced through the huge windows. Sometimes when he slipped in quietly the gold-braided attendants escorted him to the doors again, told him, furthermore, to get out and stay out if he knew what was good for him. Well, it was Christmas Eve and the hotel seemed to be full of strangers and visitors. He could slip in unnoticed in the merry crowds and try his luck. Squirming his way through the big rotunda that fronted the street, Danny found himself in a place that seemed like a veritable fairyland. From the high ceiling were suspended festoons of gaily colored crepe paper decorations, through which trailed sparkling ribbons of glittering tinsel.

There was warmth and comfort within the big hotel, and amid this rollicking holiday crowd there was probably security as well. So, at least, the stranger who had just come in so unobtrusively decided. He had entered the hotel leading on a leash a beautiful golden cocker puppy that might have been six or eight months old. Almost furtively the man seated himself in one of the luxurious red leather chairs, and then looked cautiously around. A warning sign on the wall pointed out that these same alluring chairs were reserved for the use of guests and friends only. The stranger read the sign covertly, passed his tongue nervously between his lips and glanced round the rotunda again. He felt satisfied and reassured. It was the Christmas season, and the hard-

pressed hotel attendants wouldn't bother with strangers and wall signs tonight. Likely the safest place in town. They might possibly object to his dog though, even if it was only a well behaved cocker puppy on a lead. Once more he glanced along the walls, but there was nothing said about dogs.

A LADY in elegant fur wraps sailed past Danny with a fat and sophisticated Boston terrier at her side. The stranger's puppy saw the Boston and barked a cheery welcome, and a merry Christmas. The Boston only rolled his eyes scornfully at such a mere puppy. Others among the visitors, however turned and grinned at the sight of the lively young cocker. Finding attention directed his way, the puppy was so overcome with delight he barked once more. Several people moved across the floor to admire and pet him, including one or two ladies. "Is he for sale?" one lady demanded, noticing the owner's shabby appearance. "I've promised to get Alvin (that's my son) a puppy for Christmas."

The man shook his head. "I'm sorry, ma'am," he answered her respectfully, "But Ruffles ain't for sale. We're pals."

"What an adorable name!" she exclaimed, "and how well it suits him." Opening her dainty handbag she drew forth a ten-dollar bill. "I've already spent more than I should have on Christmas presents today," she complained, "but if you will accept this I will take the puppy."

"Sorry, ma'am," the man repeated on a stubborn note, "but as I sed, we're pals." The lady snapped shut her handbag with a jerk, and looking somewhat affronted, withdrew.

The stranger now placed the puppy on the thick carpet beside the chair and gave him a playful but admonitory slap. "Hey, you, settle down!" he ordered, "an' no more of this monkey business. You'd better keep mighty quiet." The puppy gave a sigh of contentment, and blinked up happily at the man. Sniffing at the luxurious carpet once or twice he found strange odors. He even scratched the heavy plushy material with one small ruffled paw to see if it was real, and again the admonitory hand cuffed him lightly. Finally he curled up contentedly, and with a final glance of approval at the man closed his eyes and took a nap.

DANNY had been watching the antics of the puppy, and felt enthralled. Why, this was the finest puppy he had ever seen. Then Danny had an idea. He would offer the stranger a newspaper and he might let him fondle the puppy and talk to it.

The boy laid his newspapers down on an empty lounge. Lifting the top paper off the pile he stuffed this deep into the inside pocket of his leather jacket. He always did this. That was Mom's paper. He removed another paper and hesitated. Now that he was ready he felt a curious shyness about approaching the stranger.

The man had paid no particular attention to the boy. Pulling his hat farther over his eyes, he took stock of his position. Yeah. It was as he'd thought it would be: Hotel full of holiday guests an' th' house wide open. A guy could do what he liked, go where he liked an' get away with it tonight.

"Paper, sir?" Danny asked. He didn't even dare look at the puppy, and scarcely at the man.

"Yeah. Gimme one!" demanded the man, abruptly, as though animated by a sudden thought. He fished out a nickel and handed it to Danny. The puppy came to life immediately, and sat up alert. What was the boy getting? Something. Looked like a nice boy too. The puppy leaped and danced on the end of the lead excitedly, his stump of a tail wagging frantically. He did like boys. Danny's face was all wreathed in smiles, and he clucked knowingly to the puppy. They seemed to have some secret understanding between them from which the man was excluded.

WITH evident interest the man read some local news items, and muttered sharply under his breath.

"What did you say?" faltered Danny, politely.

"Nothin'," the man growled in a surly tone.

A happy thought struck Danny. The man had given him a nickle for the paper. He would treat the puppy to a chocolate bar for Christmas. He skipped outdoors to a candy store across the street and was back in a moment. Kneeling before the puppy he made his votive to the idol of a boy's heart.

"Eat th' candy yerself," grumbled the man.

Danny shook his head, breaking off morsels of the chocolate bar which the puppy accepted as his due.

"What's your name?" asked the owner of the puppy.

"Dan," answered the boy, "But Mom she calls me Danny Boy."

"Purty nice name," commented the man. "Like to know th' puppy's name?"

"I heard you tell the lady," responded Danny, smilingly. "It's Ruffles. Please could I hold the puppy?"

The man growled something and un-snapped the leash from the collar. Swiftly Danny stooped and picked the puppy up in his arms, holding him as though he could never let him go.

D RAGGING his hat down once more over his eyes, the man read the news item that had disturbed him so markedly. So they were on his tracks, were they, and police headquarters expected to make an arrest within twenty-four hours. Sitting hunched in the chair, the man decided to let the boy have the puppy. Yeah, that was it. Gotta beat it right away, and couldn't take the puppy. Kid 'ud sure be surprised!

"Guess I'll have to be movin' purty soon," remarked the man, pulling Ruffles' lead out of his pocket and pretending to examine it carefully. "I see by your paper th' bulls are lookin' for me!"

"Bulls!" gasped Danny, shocked. "Do you mean th' cops?"

"That's them," answered the man, with a twisted grin.

(Continued on Page 28)



# The Night Before Christmas

By DONALD J. MacLEOD

ON CHRISTMAS EVE each year, children and adults come from far and near to Trinity Church, New York, to pay their respects at the grave of Dr. Clement C. Moore.

The world today honors him for a simple fantasy he dashed off one day shortly before Christmas, 1822, entitled "A Visit from Saint Nicholas." The books on which he spent many years, entitled "Bishop B. Moore's Sermons," and "A Compendious Lexicon of the Hebrew Language," did not bring him fame.

Dr. Moore was born in New York on July 15, 1779. He graduated from Columbia College in 1798. Although he studied for the ministry, he never took orders but turned instead to the study of Oriental and Classical literature. In 1821, he became Professor of Biblical Learning at the General Theological Seminary, New York.

Most of Dr. Moore's writing was academic, dignified and pompous. His Christmas poem was entirely different from anything written before or afterward. He said he found writing verse a labored exercise. When he dipped his quill pen in the ink and wrote the inimitable poem about Santa Claus, he little realized he was writing for posterity.

He had no thought of publication in mind, in fact he felt vexed when it was first published without his consent. His only purpose in writing the piece was to amuse his children at Christmas. He got no return financially from the poem and never

bothered to have it copyrighted. It was not until 1844 that he allowed his name to be shown as author.

Dr. Moore had a Dutch friend, Jan Duyckinck, who was fat, jovial and invariably had a pipe jutting from one corner of his mouth. It was Jan who told Dr. Moore about the Dutch patron saint, St. Nicholas. When Dr. Moore came to write his Christmas poem, Jan was the model. The description of St. Nicholas was that of his Dutch friend.

Jan often told the Doctor about Dutch customs and how on Christmas the children eagerly watched for St. Nicholas, who appeared mounted on a white horse with his helper, Black Peter, at his side. Dr. Moore listened intently while Jan told how Dutch children put their wooden shoes in the chimney corner before going to bed, for St. Nicholas to fill. On the window sill they would thoughtfully leave a bunch of hay for his white horse.

On the night of December 23, 1822, Dr. Moore told his children the story of St. Nicholas. Then, in a gay voice, he read his poem:

"Twas the night before Christmas, when all through the house,  
Not a creature was stirring, not even a mouse . . ."

The children were delighted. So was a daughter of Rev. David Butler, who was present. She hastily copied it and one year later sent it anonymously to the editor of "The Troy Sentinel," Troy, N.Y., where it was published on December 23, 1823. The editor, in explanation, said: "We know not to whom we are indebted for the description of that unwearied patron of children, but from whomever it may have come, we give thanks for it." Since that time the poem has been translated into many foreign languages.

Dr. Moore retired in 1850 and moved to Newport, Rhode Island, where he died on July 10th, 1863.

Many authors have achieved a niche in the world Hall of Fame, but for Dr. Clement C. Moore, who succeeded in putting the magic of Christmas in children's hearts, there must be reserved a special place.

## St. Francis First To Popularize Custom Of Christmas Carols

ST. FRANCIS of Assisi is accredited as having been one of the first to popularize the custom of singing carols at Christmastime. He taught the faithful simple and tuneful melodies, and the saying goes that, overjoyed by the success attending his presentation of the first Christmas Crib in 1223, he burst into joyous vocal recitation of the gospel story.

Hymns in honor of the nativity were written as early as the 4th century, but these monotonous church chants neither properly nor musically ante-date our modern carols. Experimentation with modal and intervallle relationships during the 15th century, together with the folk songs and minstrelsy of the times, made definite contributions to the traditions and popularity of Christmas music.

Puritan England forbade public performance of carols; so for a while they travelled "underground" by word of mouth, and "broad sheets," printed annually, served to preserve the texts with a variance of accuracy.

When the restoration of English royalty voided the Roundhead Parliament's abolition of Christmas festivities, residents of colonial Boston placed lighted candles in their windows to welcome the Waits who, resuming the Old English tradition, went about the city singing carols on Christmas Eve.

□ □ □

## Beauty Treatment



BET you can think of a dozen ways to use these peacock motifs on your linens! Well, go right ahead . . . results are sure to be beautiful.

Embroider them in vivid peacock colors. Pattern 664 has transfer of 14 motifs  $1\frac{1}{2} \times 4$  to  $6\frac{1}{2} \times 11$  inches. Send TWENTY CENTS (20c) in coins (stamps cannot be accepted) for this pattern to FARM AND RANCH REVIEW, Needlecraft Dept., Calgary, Alberta. Print plainly PATTERN NUMBER, your NAME and ADDRESS.

## A Puppy for Danny

(Continued from page 27)

"What did you do, Mister?" asked Danny, on a somewhat breathless note. The man shifted restlessly in his chair, and glanced over his shoulder to see if they were observed. He leaned towards the boy, and fumbled nervously with the puppy's lead in his hands. "Me an' Ruffles were gettin' mighty hungry, so I says to the pup, you and me are going to have a swell meal purty soon now." So we blew a safe open in an office last night. No sense keepin' a lot of money locked up in a safe 'round Chris'mus, doin' nobody no good," and the man chuckled softly, recalling the turkey dinner he and the pup had enjoyed. "Now," he continued, "I'm settin' snug an' warm in th' best hotel in town—but t'aint gonna last!"

"Won't the—the—cops find you here?" said Danny anxiously.

The stranger snorted his contempt for the forces of law and order. "Them guys!" he exclaimed, scornfully. "Most likely they're havin' a party right now, same as everybody else I'm wise to them!"

The newsboy stirred uneasily, and shifted Ruffles to the other arm. He glanced with dread towards the large revolving doors to the now brightly lighted street. "Mister," he said, warningly, "I've seen them come in here sometimes!"

DANNY suddenly remembered his papers. He must get on with his job. Why, he hadn't sold any yet. Oh, yes, he'd sold one. He'd hand Ruffles back to his owner, and then he'd hurry away real quick. He wouldn't even look at Ruffles, or say goodbye to the stranger. He couldn't. Then Danny gave a start that was almost akin to terror. A sinister-looking large black car had stopped outside the hotel entrance. It must be the Black Maria as he'd heard some of the newsboys call it. The police car. Two burly officers in blue uniforms and helmets were pushing in through the rotunda doors. The guests had fallen silent and watchful. All the laughter and gay chatter had ceased. Police were looking for somebody right in the hotel!

"Better come along quietly, Mike," one of the police officers said in an undertone, and without a glance to right or to left they escorted the unresisting stranger outside to the waiting car. As they vanished into the darkening night Danny awoke out of an incredible dream. Why, the man had forgotten Ruffles. His stack of neglected newspapers entirely dismissed from mind, the boy dashed out, the puppy still clasped in his arms. There must be a mistake. Had the policemen forgotten Ruffles? Danny raced down the street, but the car had vanished. It was snowing harder now, large flakes drifting out of a dull, leaden sky. A big flake hit the puppy on the tip of his nose and he whimpered softly, sniffing at the feel of the chill air.

"It's all right, Ruffles," whispered the boy, as he held the puppy protectively in his jacket. "You and I are beatin' it for home. See!" Yes. He must hurry home and tell Mom what had happened. Mom would understand. Mom would know what to do. He broke into a run—a puppy for Christmas—a puppy for Christmas!

□ □ □

DO YOU have trouble with your fruit pies boiling over in the oven?

Cut straws, used for soft drinks, into two-inch lengths and stick them into the top crust. This allows the juice to boil up without boiling over and burning in the oven.

## This Home-Mixed Syrup Relieves Coughs Quickly

Needs No Cooking. Saves Money.

A pleasing surprise is waiting for you, in your own kitchen, when it comes to the relief of coughs due to colds. In just a moment, you can mix a cough syrup that gives you about four times as much for your money, and is splendid for quick results.

Make a syrup by stirring 2 cups of granulated sugar and one cup of water a few moments, until dissolved. No cooking needed—it's no trouble at all. (Or you can use corn syrup or liquid honey, instead of sugar syrup.) Then put  $\frac{3}{4}$  ounces of Pinex (obtained from any druggist) into a 16-oz. bottle. Fill up with your syrup, and you have sixteen ounces of really effective cough medicine. It never spoils, and tastes fine.

This home mixture takes right hold of a cough. It loosens phlegm, soothes irritated membranes, and quickly eases soreness and difficult breathing. You'll say it's very satisfying in its action.

Pinex is a special compound of proven ingredients, in concentrated form, well known for quick action in coughs and bronchial irritations. Money refunded if it doesn't please you in every way.



# Challenger

## WATCHES

### STYLE ACCURACY VALUE

For timekeeping satisfaction and pride of ownership—Choose a Challenger—  
Canada's most admired watch.

From 35.00 to 75.00

Tax extra

# Birks

CALGARY

SEND FOR CATALOGUE

## Do You Have Trouble In Starching?

IS starching your laundering bugaboo? If so, here are ways to avoid some of the most annoying starching troubles:

### Limpness

When starched garments do not take on the proper crispness, it may be because they were not wrung sufficiently before starching and the water diluted the starch mixture.

### Sticking To the Iron

This may be caused by not cooking the starch enough, or allowing skin to form on it after it's made. Sticking sometimes happens when the iron is not hot enough, or there is excess starch on the surface of the garment, or the fabric is too wet.

### White Streaks on Dark Fabrics

When you starch dark-colored garments, white starch often shows on the surface. Use bluing to tint the starch for dark blue or black and strong, clear tea to tint starch for brown. Commercial tints also may be used to color starch.

### Try a "Starch Rinse"

Tablecloths, sheets, handkerchiefs, pillowcases, and many articles of clothing look better when they have been given a finish of starch, for it imparts a bit of body or a smooth, new look. Such a finish can be given right in the washing machine. For a full load (7 to 9 pounds) use 6 tablespoonfuls of starch to 4 cupfuls of water, made according to the directions on the package. Add the 4 cupfuls of starch solution to the final rinse water, and run the washer for three or four minutes. Remove water by putting clothes through a wringer or spinner basket.

### How to Starch Men's Shirts

Men's shirts, are starched perhaps more frequently than any other garment in the home laundry. Here is a simple way to handle them. For all-over starching, use the "starch rinse" described above, or dip in a light starching solution. Then starch the collars, cuffs, and buttonhole bands in a thicker, hot-starch solution—or in a cold-starch solution, if desired. The trick is to gather together the buttonhole band, the collar, and the button band as if you were pleating them. Hold tightly and dip in the starch. Squeeze in the starch, squeeze out the excess, and dip again. Repeat the process several times before finally squeezing out the starch and slapping the material between your palms.—Selected.

## Aprons For Duty

MANY WOMEN'S CLUBS are already busy making aprons for bazaars and Christmas sales, but to produce the best buys possible, it should be remembered that every apron has a job to do. It must be practical as well as pretty.

Mrs. Macdonald, Supervisor of the Home Economics Division, offers this six point test for a kitchen apron:

1. Will shoulder straps "stay put"? Anchor straps firmly in back, well above the waistline. Let them join into a single strip after passing over the shoulders—or choose a pattern that holds them secure with a waist piece in back.

2. Is the apron free from "safety hazards"? Choose a plain flat trim. No dangling bows where they will catch on articles about the kitchen, no fluffy front ruffles to catch fire bending over the stove.

3. Is it easy to get into? Use no more fastenings than needed to prevent gapping—a pinafore with one button at the back of the neck and a tie at the waist is preferable to the usual row of back buttons.

4. Are pockets ample and conveniently placed? Pockets should be large enough for the closed hand. Pockets close to the front should slant toward the back.

5. Will the apron wash well and iron easily? Choose colorfast material and a sturdy trim that will last as long as the apron. All-over patterns on colored rather than white backgrounds look fresh longer and save laundry time.

6. Is workmanship neat and sturdy? Reinforce pocket corners, buttonholes and places where buttons are sewed on. Cut buttonholes with the grain of the goods and work them closely. Keep construction flat and free from thick lumpy corners.

□ □ □

### TO RUB OR NOT TO RUB

WHEN washing clothes by hand, brushing is better than rubbing to remove soil, say experts. Collars, cuffs, shoulder straps, and other parts that get the most soil also get the most wear. Rubbing during laundering adds to that wear, especially on fabrics such as rayon. Brushing with a medium-stiff brush is easier on the material and often removes dirt more quickly and effectively.

To clean copper articles which are very soiled, use equal parts of salt and vinegar.

## The Dishpan Philosopher

I SOMETIMES think the good old days were none too good in lots of ways, but Christmas-time, it seems as though, was maybe nicer long ago. It hadn't all the fuss and fret the times we live in now beget. But still I really must admit there's one thing hasn't changed a bit.—The Christmas urge to give and share is none the worse for wear and tear. It's funny how year after year our little grudges disappear, and Christmas serves our hearts to fill with friendliness and real goodwill.

So, even with a passing sigh for simpler Christmases gone by, I revel in the warm glow that only Christmas can bestow. And for my friends both great and small (and folks I haven't met at all) I hope this Christmas will combine such joys as always come with mine.

## Gets Right After MISERIES OF Infectious Colds!



Best-Known Home Remedy You Can Use Has Special Penetrating-Stimulating Action That Works Just Fine

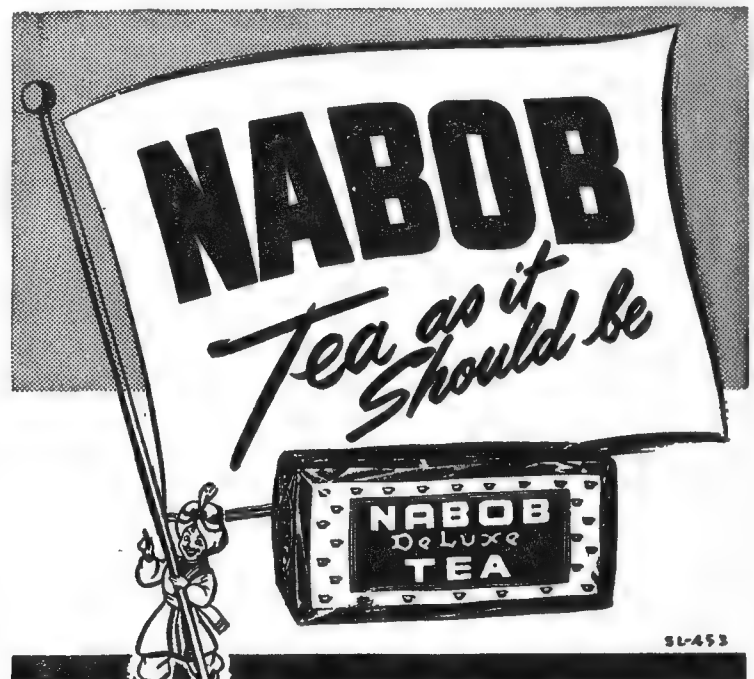


✓ Penetrates deep into bronchial tubes with its special medicinal vapors

✓ Stimulates chest and back surfaces like a good, warming poultice

Home-proved, VapoRub's special penetrating-stimulating action starts to work mighty fast—and keeps on working for hours—to relieve such miseries of colds as coughing spasms, bronchial congestion, muscular tightness. When you rub Vicks VapoRub on throat, chest and back and see the results—you'll know why it is a family standby in so many millions of homes. Grand for children and grownups. Try it.

**VICKS VAPORUB**



From the sunny Fiji Islands and West Indies comes the cane sugar which is refined in Vancouver to make Rogers' Golden Syrup. This pure and delicious food is a valuable addition to the diet of children, to quickly renew "burned up" energy.

THE B.C. SUGAR REFINING CO. LTD.





# The Green China Piggy-Bank

By A. L. O'FARRELL

THEY all lived on the three corner shelves in the parlor at Effie's and Bob's house. The French doll and the blue glass slipper on the top shelf. The big sea-shell on the bottom shelf. And the cups and saucers and the green china piggy-bank on the middle shelf. They were all very happy until one day the green china piggy-bank overheard some gossip among the cups and saucers.

It was the pink Bo-Peep girl on the blue cup and saucer that belonged to Bob, talking to Boy Blue on the pink cup and saucer that belonged to Effie. She said:

"And the French doll thinks green is a terrible color."

"It is a queer color for a pig," said Boy Blue thoughtfully.

"And with all that money, wouldn't you think he'd buy himself a different colored coat?" went on Bo-Peep. "The blue glass slipper says he is just stingy."

"Who is stingy?" inquired the green china piggy-bank suddenly.

"Why, YOU are!"

replied Bo-Peep without thinking, and then, "Oh, dear me! What have I said?" she exclaimed, and her face went as pink as her dress.

"Why the very idea!" cried the piggy-bank in great indignation, "Doesn't she know I'm a savings bank?"

"Savings bank, indeed!" called down the blue glass slipper from the top shelf. "You're stingy, no doubt about it! You just accumulate wealth. That's all you think about. And you don't spend a cent of it for a coat of a decent color, and certainly green IS terrible."

"It's a disgrace," chimed in the French doll. "Who ever heard of a green pig? You disgrace us all. You make a laughing stock of this whole corner."

"What's all the fuss about?" roared the sea-shell from the bottom shelf. "How can I remember the sound of the sea when you keep up such a din?"

So everyone was quiet again, and the poor little green china piggy-bank was very unhappy. He had never worried about his money before but now every time anyone dropped a coin through the slot in his back he felt terribly embarrassed. Worse still, the argument would start up again every time it was thought the sea-shell wasn't listening.

"If I had all that money, wouldn't I travel!" said the blue glass slipper one Sunday morning.

"If I had it, I'd buy myself a lovely new dress," said the French doll. "I'm frightfully tired of this old-fashioned one I'm wearing."

"But I'm a SAVINGS bank," the piggy-bank tried to explain. "Nobody spends savings except for something special."

"Such nonsense!" roared the sea-shell. "What is more special than the sea? And who ever heard of spending money for it? You're just making excuses."

The cups and saucers didn't have anything to say this time because they went away in the dining-room where they always went every Sunday morning. For that was the only time Bob and Effie were allowed to drink coffee, and they always drank it from the tiny blue and pink cups. So the green china piggy-bank felt very lonely sitting there all by himself on the shelf and listening to his neighbors talking about him.

Then the day before Christmas Bob and Effie came to the corner and took the green china piggy-bank away, leaving just the cups and saucers on the shelf.

"Now why did they do that?" asked the blue glass slipper curiously.

"Oh, I know!" called up Bo-Peep. "We heard all about it at the table Sunday morning, didn't we, Boy Blue?"

"Yes," indeed! There's going to be a party!" said Boy Blue importantly.

"A PARTY!" cried the French doll, very excited. "Hurry, tell me all about it! I love parties."

"You don't mean to say that green china piggy-bank has gone to a party?" roared the sea-shell in astonishment.

"Oh, no!" Bo-Peep began to explain. "It's like this. Effie and Bob are giving a Christmas party for some children who haven't any house. They just live in tiny rooms and there is no place for a Christmas tree. So Effie and Bob are having a tree here and inviting all those children, and the money in the piggy-bank will be used to buy gifts for them."

"Well, I declare!" How are they going to get all that money away from Piggy?" asked the French doll.

"That's the sad part," spoke up Boy Blue. "To get it, they have to break the green china piggy-bank."

"My gracious!" exclaimed the blue glass slipper, quite horrified.

"What nonsense!" roared the sea-shell in disgust. "Only the waves break - - - break - - - break against the shore - - -" his voice trailed off dreamily.

But Boy Blue and Bo-Peep had been right. A Christmas tree was set up in the parlor, with lovely colored lights on it. When the gay tissue-wrapped parcels were placed around it, everyone on the shelves was very quiet. For they knew the parcels contained gifts bought with Piggy's money, and to get it, the green china piggy-bank would have to be broken!

After awhile Boy Blue said sadly,

"This shelf seems awfully big with just us on it, doesn't it?"

"Yes," whispered Bo-Peep, "And I was just thinking that green went well with pink and blue."

"As to that," spoke up the blue glass slipper, "I don't know as green is such a bad color after all."

"Funny, but I miss that green china piggy-bank terribly," admitted the French doll. Then she blinked her long lashes to keep back the tears.

"Well, anyway, it's going to be a grand party, thanks to piggy-bank," roared the sea-shell, trying to sound very hearty. This encouraged the French doll who loved parties, and she began to preen herself and wish again that she had a new dress, while the blue glass slipper declared she certainly felt like dancing, forgetting in her excitement that she couldn't because she had nothing in her but a pin cushion!

It turned out to be a wonderful party with carols, and Christmas cake and ice cream, and all the pretty lights on the Christmas tree. The children danced around it, and opened their gifts, and exclaimed over them and everybody was very happy.

Then one little boy who was lame limped over to the corner shelves and stood looking and looking. Effie saw him there and came and stood beside him.

"I was looking for the piggy-bank you said kept the party money for you," he told her softly.

"Oh! Why we forgot to put him back on the shelf!" cried Effie, and she ran out of the room to return in a moment, carefully carrying the green china piggy-bank.

"We hated so to break him we just shook all the coins out and it took a very long time," she said as she put Piggy back in his old place on the middle shelf.

"Isn't he BEAUTIFUL!" said the little lame boy. "May I give him my buffalo nickel? See, it's new and all shiny."

"Oh, yes, give it to him and that will be his first coin for next year's Christmas party," said Effie.

So the little lame boy gave piggy-bank his buffalo nickel, and then the children went back to the party, little dreaming how much excitement they had started at the corner shelves.

For everyone was talking to the piggy-bank at once, "We thought you'd been broken," Boy Blue told him. "And we were very lonely without you," said Bo-Peep. "I've decided I like green very much," called down the blue glass slipper, and the French doll chimed in coquettishly, "Really, I was quite forlorn without you, Piggy."

"Well, your money certainly went for something special and I'd never have believed it if I hadn't seen it with my own eyes," the sea-shell was murmuring from the bottom shelf, without even a hint of a roar.

The green china piggy-bank was so happy to be given such a friendly welcome he just grinned from ear to ear and kept saying over and over, "Merry Christmas, everybody! A very special Merry Christmas!"

## Gather 'Round the Christmas Tree

By JAMES ALDREDGE

How many of these quotations can you answer about that favorite object of the Yuletide Celebration?

1. According to legend, what famous churchman cut down a fir tree in the woods and carried it to his home, where he put candles on it for the delight of his children?

- (a) John Calvin.
- (b) Martin Luther.
- (c) John Wesley.

2. Which of these ancient religious groups originated the custom of hanging gifts on trees to show their appreciation of nature's goodness to man?

- (a) The Buddhists.
- (b) The Mohammedans.
- (c) The Druids.

3. Today, which of these trees has become the world's favorite Christmas tree, judging by its sale in the holiday season?

- (a) Blue spruce.
- (b) White pine.
- (c) Fir.

4. Who introduced the Christmas tree in the home of the English Royal Family and so made it a part of the British Yuletide celebration?

- (a) Prince Albert, Queen Victoria's husband.
- (b) King George III.
- (c) King Edward VII.

5. "O Tannenbaum" ("O Fir Tree") is a famous old carol about the Christmas tree. Which of these songs has the same tune?

- (a) Men of Harlech.
- (b) Maryland, My Maryland.
- (c) Swanee River.

6. From which Province of Canada do the largest number of Christmas trees come that are sold in the United States?

- (a) Manitoba.
- (b) Alberta.
- (c) Nova Scotia.

7. What country shows its spirit of international good will at the Yuletide by hanging its national flag at the top of the Christmas tree with the flags of other nations hung from the branches?

- (a) Sweden.
- (b) Holland.
- (c) France.

8. An old cry of an English illustrated magazine of the 1850's shows a large quantity of Christmas trees for sale in Covent Garden Market. In what city is this market located?

- (a) London.
- (b) Manchester.
- (c) Liverpool.

9. When she found out that Hans Christian Andersen was spending Christmas in the same European city and realized that neither he nor she could get back to their beloved homeland for the holidays, what famous singer gave a party, which included a Christmas tree, for the beloved story-teller?

- (a) Adelina Patti.
- (b) Nellie Melba.
- (c) Jenny Lind.

10. Who celebrated the Christmas season of 1926 by stringing lights on a live evergreen in the front yard of his San Francisco home and so started a custom that swept the continent?

- (a) Dr. Clement C. Moore.
- (b) Sandy Pratt.
- (c) Thomas A. Edison.

(Answers will be found on page 39)



★ ★ ★

## Country Diary

★ ★ ★

SILENT December days, after a miniature blizzard, but the air still full of snow. The last pink sky of an early sunset with the exquisite tracery of bare trees against it. Lights coming on in evening windows, cattle bawling, dogs barking, dark figures in the snow-filled road tramping home from the bush. The spell of Alberta December.

There'll always be a Christmas, for it is an ever-enduring festival, kept in its best and truest spirit around the family hearth, as long-looked-for reunions have now become a reality. Fragrant green tree, bright



trimmings and candles; sweet, old carol music and games; gaily decorated tables of heartening food and drink; the rattle of toys and laughter of children — and perhaps memories?

But it would be wrong to allow that "one vacant chair," as the old hymn says, to depress Christmas for those who gather to cherish these few happy hours for days to come. It is the day of the year for both the young and the not-so-young to keep in the traditional way of merriment and happiness.

We on the prairie like to take pride in our "White Christmas", and also like to bring the touch of greenery into our homes with fir trees and branches of cedar. If we are blessed with kindly, distant friends, we can look forward to sprigs of bright holly and rarer mistletoe to crown our decorative scheme. Each year when I take the precious bits of holly from the box left by the mail-man, I look and admire the lovely red berries set in warm clusters, the prickly leaves so glossy and clean, and contemplate the best display arrangement. One tiny spray must be clipped off to adorn the top of the plum pudding. And oh! the mistletoe! There is no doubt as to its rightful place—the doorway. Many, unacquainted as yet with the "golden bough" are interested in its dull, gold bark and tiny pearls of berries. Its bright leaves once covered a dark forest floor. Druid lore of forgotten centuries is recalled, and unknown mystic rites connected with it are dimly imagined. The fact that it never grew in earth, but bore and sustained itself intrinsically on an alien root, made it sacred to the Druid priests. Even today in many homes in Nordic countries there is still the belief that if a piece of mistletoe is hung on the wall at Christmas, it will insure a blessing on the house. In modern circles today it has a very special mission of its own!

The burgeoning of Spring, lovely as it is, does not give the full happiness and contentment of the clear starlight of December nights. To look at the dark, beautiful sky sprinkled with blue-white stars, like flowers in a meadow, gives out a sense of comfort and serenity. It appears to bend protectively over the snowy fields. The air is as sharp and cold as pure water from a spring. I want to hear (perhaps even sing them myself!) those favorite words of English tradition,

God rest you merry, Gentlemen.

□ □ □

Use grated cheese on vegetables in place of butter and use cheese with crumbs for topping casserole dishes, etc.

## Are You Foot Weary?

ON your feet a lot these days? Of course. Everybody is. Here are some practical hints that will help when your feet are sore and tired.

Shave part of a cake of some good foot soap into hot water and whip up to a frothy suds. Then soak feet at least ten minutes; the longer the better. After feet have soaked long enough to soften the skin, take a pumice stone and gently rub off any callouses particularly on the bottoms of the feet.

To strengthen the arch muscles so that being on your feet won't make them ache so much, roll your foot over a glass roller. Massage is a must. Begin with toes, then work on up over arch, instep and ankle, finishing with the calf muscles.

Remember, too, that putting your feet higher than your head for ten minutes is a good way of resting them.

□ □ □

## How to Measure and Other Tips

MEASURE all ingredients accurately, using level measurements. Use standard measuring cups and spoons.

Pack brown sugar lightly into measuring cup.

To measure fat: . . . e. g.  $\frac{1}{4}$  cup: Fill measuring cup  $\frac{3}{4}$  full with cold water, add fat until water rises to 1 cup level, making sure all of the fat is covered with water.

Grease spoons or cups lightly before measuring molasses, honey or syrups.

1. If butter was formerly used in baking cakes, cookies, etc., try other mild-flavored fats. They will give good results.

2. Use fats other than butter in making cream sauces for vegetables. If you wish to use butter in some sauces, try cutting the amount called for in the recipe by one-half. Make no other changes.

3. For table use, make individual servings either as butter-balls or squares.

4. Use soft butter . . . it spreads easily and goes further.

5. For sandwiches, beat  $\frac{1}{4}$  cup milk or water into  $\frac{1}{2}$  cup soft (not melted butter). Butter one slice of the bread with this spread and the other with filling.

6. Do not put butter on steaks, chops, etc., before serving.

7. Select recipes for cakes, pudding sauces, etc., which call for only moderate amounts of fat.

8. Grease pans with mild-flavored fats. Save butter and shortening wrappers for this purpose.

9. Collect every bit of fat and render it down for cooking purposes. Cut away the excess fat from roasts, steaks, or chops. Save all meat drippings . . . they can be used in meat and vegetable dishes and for pan frying. Do not use butter for pan-frying. Fats from bacon, sausages, spareribs, etc., are excellent for this purpose.

10. In roasting meat and poultry, pour off excess fat during cooking, leaving only sufficient fat in the pan for basting and later for making gravy. In this way the fat is not darkened to the same extent it would be if left in pan for full roasting time.

# "SALADA"

## TEA BAGS

*No waste*

Fight Tuberculosis — Buy Christmas Seals

# OGILVIE

The **FLOUR**  
for **YOU!**

*It's Best  
by Every Test*



X45-16

WINDOW GLASS :: Any Size or Quantity

THE BENNETT GLASS CO. LTD.

M 1778

228 - 7th Avenue East,

CALGARY

# BAKING TIME

*Cut in half!*

WITH NEW

## REX QUICK-RISING DRY YEAST!

Makes bread-baking  
fast . . . easy!

Quick-rising as fresh yeast . . . No  
more overnight baking . . . Gives  
full-flavoured, finer textured bread  
every time.



4 envelopes per carton . . .  
each envelope makes 5 loaves.

REX FREE TRIAL

Attached to each Rex Carton is a free, full-sized trial envelope. Use its contents first. If not satisfied that Rex Quick-Rising Dry Yeast is the finest yeast you've ever used, just return unopened carton to Lallemand's, Winnipeg. We will refund full purchase price.

**LALLEMAND'S**  
REX-Quick-Rising Dry Yeast-at Your Grocer's



# NOW No More Setting Dough Overnight!



Add New Fast Rising Royal to water. Presto! In 10 minutes it's ready for action.

## NEW FASTER ACTING DRY YEAST DOES WHOLE BAKING IN A FEW HOURS!

Here's the New Fast Rising Royal way to give your family all the delicious, full-flavored bread they love so well—and not wear yourself to a frazzle doing it!

New Fast Rising Royal's speedy action saves hours of work and worry! No more "setting bread the night before you bake when you're tired and "not up to it." No more overnight baking failures because the kitchen got too warm or too cold. With New Fast Rising Royal, you finish up your whole baking in a few hours . . . during the

day when you can watch the dough.

New Fast Rising Royal stays full-strength on your pantry shelf for weeks—ready for instant use. Get New Royal Fast Rising Dry Yeast at your grocer's.



4 packets to a carton.  
4 large loaves from  
each packet.

MADE IN CANADA

## Household Hints

By Courtesy of The Popular Mechanics Magazine

### BOBBY PIN KEEPS PHOTO UPRIGHT



To hold a small photograph or picture upright, bend the legs of a bobby-pin outward and then slip the picture between the parts of the legs which are still in contact. Cotter pins could be used in the same way.

### ONION SKIN HOLDS BROKEN STALK



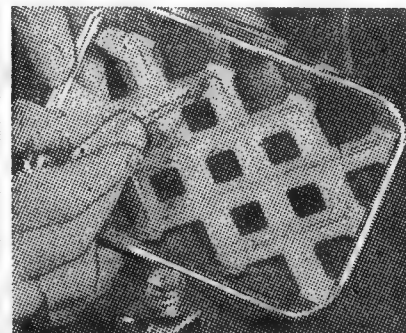
WRAP a piece of onion skin around the broken stalk or branch of a house plant to hold it securely until it has healed. This makes an inconspicuous patch and one that may save your favorite plant.

### COMB CLEANER



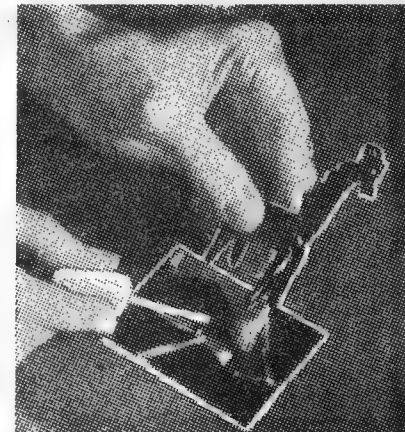
AN old toothbrush will provide excellent service as a comb cleaner. Trim it to correct size by cutting off all bristles except the three end rows.

### NAIL POLISH PREVENTS RUST



BRUSHING that steel soap dish with colorless nail polish will prevent unsightly rust spots from appearing where the protective coating has worn off. These spots cause the soap to stick to the dish.

### FRAGILE FIGURES GLUED TO MIRROR



MANY a lightweight ornamental figure has been broken because a stray breeze or the jar of a closing door has caused it to fall. If the figure is mounted on a small, pocketbook-size mirror, using colorless nail polish as an adhesive, this will not happen. The mirror not only anchors the figure but, by reflecting it, makes the display more attractive. The small mirrors are obtainable in many sizes.

### TAPE MEASURE CONTAINER



IF a tape measure is wound on the spool of an adhesive tape container, it will not kink and become limp. Stored in this way, it's ready for use and will not become entangled in the workbasket.

### HANDY HINTS

Juice of a lemon in pastry will make the texture finer.

A pinch of cream tartar added to whites of eggs when whipping will keep them from falling.

To make a good cup of coffee, put coffee in a saucer and set in a hot oven about three minutes. This brings out the flavor.

Moisten saucepan with cold water before heating milk.

Equal parts of table salt and cream tartar will remove rust stains.

For added strength in thread used for sewing buttons, draw it through beeswax.

Sour milk removes iron rust from white goods.

A good way to clean an oven is to wait until it is thoroughly cool, then put one tablespoon of household ammonia in a saucer containing one cup of soapy water and place it in the oven. Close the door and leave it there overnight. Next morning the grease should wipe off easily.



## What is Christmas Without Santa Claus and His Christmas Tree

By ANN BARRETT

while the King was in the Fool's place.

The whole household was kept in jolly uproarious disorder and continuous gaiety, with masks, minstrels, music, practical jokes, and farcical antics until Candlemas Day.

But in later centuries the mock kingdom of the topsy-turvy-twelve-days of the Merry-Disporters soon faded, and the only relics we now have of those merry times are the Christmas Crackers and the grotesque and colorful paper caps and masks.

So whether you attend a big Christmas party or play charades at a family party at home, you will be able to visualize through dream-filled eyes the doings of other days, for the same old Yule Log is still glowing in our Canadian homes and we feel our hearts quicken as it crackles this Christmas on our own hearths.

### "Glory To Our New-Born King"

However, whether gay or merry the highlight that stands out predominantly above all others at Christmas time, is the event which took place nineteen hundred and forty-six years ago in the stable of Bethlehem where the Virgin Mother brought forth her first-born son, and after adorning him in swaddling clothes, laid him in a manger. It is to the first Christmas that we turn our attention and join in singing, "Glory To Our New-Born King," and we give grateful thanks to God for the good things of the World.

Church services are solemnized in many hamlets and rural villages and worship-loving folk come long distances over winter roads to partake in special Christmas Eve services. The family gathering at Christmas is strong in our hearts, and each member of the family is joyously welcomed into the circle around the fire-side; we listen to Dicken's famous "Christmas Carol", with the story of the Cratchits' party, and there is a happy feeling of goodwill and cheerfulness which becomes indissolubly identified with the Christmas spirit. A spirit of active usefulness, perseverance, kindness and forbearance, and as Tiny Tim observed, we join him in saying, "God Bless Us, Every One!"

### Christmas Table Settings

Each year a new idea for the Christmas centrepiece has to be considered... no repetition is necessary, for with the traditional motives that symbolize this annual feast, it is not hard to create something original as well as attractive. So let us get busy and plan the setting!

### The Night Before

First, there is the night-before-Christmas supper table, and indeed one of the gayest meals of the year.

If friends drop in, they usually take part in the tree-trimming ceremony. The decorations for this table should be as informal as possible, as a sort of prelude to the fun and frolic of the following day. A low bowl with holly leaves surrounded by a wreath of green holly leaves with clusters of sparkling red berries is appropriate. Red glass goblets, if you have them, would be quite in order, and colored pottery is an attractive substitute for better services on this gladsome eve of preparations.

### Christmas Morning Breakfast

CHRISTMAS morning with church bells ringing, and all the excitement, one must eat breakfast, too. So, if you have received a gift plant — this would be a fitting occasion to display it. Perhaps it is a Poinsettia, Cyclamen or Jerusalem Cherry plant, and there could be nothing more appropriate for the breakfast centrepiece.

### The Crowning Meal

Then while the living-room is still littered with red, silver, and blue wrapping paper, yards of tinsel ribbon, and the various members of the family are trying to straighten out their gifts, it is a good time to slip away and carry out plans in decorating the table for the crowning meal of the day.

The time for the Christmas dinner is, of course, a matter of choice or circumstance, but whatever time you choose, let the settings include your best china and silverware, and perhaps you would like a miniature Christmas Tree, and these are obtainable both real or artificial. The finishing touches are the tall Christmas candles... what an attractive table they make, with the soft flicker of candlelight!

### When Evening Comes

Somehow when evening comes and the young people return from skiing or skating, another Christmas meal is inevitable, and you might as well prepare for it. This time the best way to handle it is undoubtedly a buffet supper arrangement. Place the table against one wall space, this allows more room space in the dining-room in which the guests may move about. As it is an informal affair, the choice of table-cover should be simple. For the centrepiece, a seasonable decoration would be a small fir-tree dusted with imitation white snow. Then light your Christmas Candles!

Then on party-serving trays are relishes and sliced cold meats, sandwiches, cake and steaming coffee... and thus twenty-four hours of careful preparation comes to a close for the happy homemaker, and Christmas once more has come and gone, and there is nothing more to do but blow out the candles.

## Legends of Holly

HOLLY was much admired by the Druids who believed that its evergreen leaves attested to its favor with the sun god.

Legends related that the crown of thorns was plaited from the holly. Before the crucifixion the berries were white but turned crimson like drops of blood.

Another is that holly is hateful to witches and is therefore placed on doors and windows to keep out evil spirits.

A more modern legend is that whoever brings the Christmas holly into the house first, either husband or wife, is the one who will rule the ensuing year.

## Buy Christmas Seals

One of the greatest advancements in Intimate Feminine Hygiene ever discovered!



You Can Now Enjoy Hours of Continuous Medication

Here is a blessing for you exacting women who have long desired an easier, daintier, and more convenient method of intimate feminine cleanliness—ZONITORS.

1. Zonitors are snow-white, greaseless, stainless vaginal suppositories which offer an easier, daintier and more convenient method.
2. Powerfully germicidal yet so safe to delicate tissues. Non-irritating, non-poisonous, non-smarting.
3. When inserted—Zonitors quickly begin to release their powerful germicidal qualities. Yet they're not the type which quickly melt away.
4. Zonitors are especially made to afford continuous medication and they keep on releasing their precious properties for hours.
5. Zonitors immediately kill every germ they touch and keep them from multiplying.
6. Zonitors destroy offending odor.
7. They never leave any sticky residue. Buy today—any drugstore.



FREE: Mail this coupon for FREE booklet sent in plain wrapper. Reveals frank intimate facts. Zonitors, Dept. FR-126, Ste. Thérèse, Que.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ Prov. \_\_\_\_\_

### The Yule-Log On The Hearth

AS a twig of holly like the yule-log, heralds days of festivity, and as we sit around our own fire-sides, we visualize the Yule-log of Medieval days in "Twelfth Night". How it was carefully dried weeks ahead awaiting Christmas Eve, then it was dragged by chains and ropes to the baronial hall where the great hearth awaited it. A joyous procession accompanied it, and it was known as the "Emblem of Good Cheer."

We are told that the gay Master of Ceremonies, renowned for his ability to promote jollity, kept it going for a dozen merry days, with a grand climax at Twelfth Night.

The Master of Ceremonies, or as he was sometimes called, "the Merry Disporter," organized many gay parties and revels, and during the festive period seated around his jolly board, guests were quite likely to find the Court Fool sitting at the King's place,





**ROAST TURKEY**

Prepare young turkey for roasting; reserve wing tips, neck and gizzard and cook for broth. Rub inside with salt. Stuff with dressing. Sew securely. Rub outside with soft butter. Place in roasting pan and put into cold oven. Turkey may be placed breast side down for first half of roasting time. Turn bird on back to brown uniformly during last half of roasting time. Turn oven switch to baking position and set control for 325 degrees F. Cook, timing 12 to 15-pound turkey 20 minutes per pound. If the turkey is larger lower the temperature to 300 degrees F. and cook 18 minutes per pound. Average cooking time for 10 to 15-pound turkey is 3½ to 4½ hours.

When deciding on size of bird ¾ to 1 pound (head and feet on, undrawn) is a generous allowance for each person.

**TURKEY DRESSING**

- 2 loaves (8 to 10 cups) day-old bread
- 2 medium-sized onions
- 1½ tbsp. sage
- ½ tsp. poultry seasoning
- 2 tbsp. minced parsley
- 2 tsp. salt
- ½ tsp. pepper
- ½ c. melted shortening
- Cold water

Combine bread, broken into crumbs, onions and seasonings. Add shortening and sufficient liquid to moisten. Toss together lightly. Allow 1 cup of stuffing for each pound of turkey. This is enough dressing to stuff a ten- to twelve-pound turkey.

**CRANBERRY SAUCE**

- 1 lb. (4 cups) cranberries
  - 1 c. boiling water
  - 1¼ c. white sugar
- Pick over and wash cranberries; cook them with water 5 minutes. Add sugar, allow to stand 5 minutes, stirring to dissolve sugar; cook another 5 minutes, or until skins burst. If you prefer whole berries cook until they are tender. Makes about ¾ quart.

**SWEET POTATOES AND CRANBERRIES**

- 6 large sweet potatoes
  - 1 cup cranberry sauce
  - 3 tablespoons fat
  - ¼ cup brown sugar
  - 1 teaspoon salt
  - ½ cup finely chopped nuts
- Boil sweet potatoes, peel and cut in half lengthwise. Place 6 halves in greased baking dish, scoop out a little of the centre (but save for future use) and fill with cranberry sauce. Top with remaining halves. Melt fat, add sugar, salt and nuts and spread over potatoes. Bake in moderate oven, 350°, till light browned.

**PLUM PUDDING**

- 1 c. chopped suet
- 1 c. chopped apple
- 1 c. seedless raisins
- 1 c. currants
- ½ c. chopped citron
- ½ c. light molasses
- ½ c. cold water
- 1½ c. flour
- ½ tsp. salt
- 1 tsp. soda
- 1 tsp. cinnamon
- ½ tsp. cloves

Combine suet, fruits, molasses and water. Add sifted dry ingredients and mix thoroughly. Fill greased molds ¾ full; cover and steam three hours. Serve hot with Spiced Foamy Sauce. Serves 8.

**SPICED FOAMY SAUCE**

Sprinkle 1 tbsp. gelatin on 2 tbsp. cold water. Scald 1 cup top milk; add gelatin, dissolve. Chill. Beat until fluffy. Add ½ cup sugar, ½ tsp. cinnamon, ½ tsp. nutmeg and ¼ tsp. cloves. Chill. Serves 6 to 8.

# SELECTED RECIPES

**MINCEMEAT**

- For a small quantity:
  - 1 cup cold boiled beef, chopped fine
  - 3 cups chopped apples
  - 1 cup seeded raisins
  - 1 cup currants
  - ¼ cup shaved citron
  - ¼ cup granulated sugar
  - 1 cup brown sugar
  - 1 cup meat juice
  - ½ tsp. cloves
  - 1 tsp. mace
  - 1 tsp. salt
  - Juice and grated rind of 1 lemon and 1 orange
  - 1 cup raspberry juice
- Mix all thoroughly and cook until apples become clear. Put into glass sealers and keep in cool place.

**FRUIT CAKE**

- 1 lb. flour
  - 1 lb. Sultanas
  - 1 lb. currants
  - ¼ lb. peel
  - ¼ lb. cherries
  - 1 lb. butter
  - 4 or 6 eggs
  - ½ lb. bar sugar
  - ½ c. warm milk
- Beat butter and sugar to a cream. Add eggs one at a time and beat well after each addition. Then add floured fruit and soda. Lastly add flour and milk. Batter should be very wet. Bake 4 hours.

**CHRISTMAS FRUIT CAKE (DARK)**

- 1 c. butter
- 2 c. brown sugar
- 6 eggs
- ½ lb. dark molasses
- 2 lbs. seeded raisins
- ½ lb. chopped peel
- ½ lb. candied cherries
- ½ lb. blanched almonds
- ½ tsp. soda
- 2 c. flour
- 1/3 grape juice or orange juice,
- 1 tsp. cloves
- 1 tsp. cinnamon
- 1 tsp. allspice
- 1 grated nutmeg

Cream butter and sugar. Beat soda into molasses. Sift all dry ingredients together. Flour the fruit. Add molasses to butter and sugar. Then add well-beaten egg yolks. Beat in dry ingredients alternately with fruit juice. Add floured fruit. Mix thoroughly and add egg whites stiffly beaten. Bake in large pan or small loaf pans in a slow oven (300°) for 3 hours. (6-lb. cake.)

**CHRISTMAS CAKE WITHOUT EGGS**

- 13 c. sifted flour
- 3 lbs. currants
- 3 tps. cinnamon
- 1 lb. dates
- 3 tps. nutmeg
- 4 c. sweet milk
- 3 lbs. raisins
- 1 lb. cherries
- 1 tsp. mace
- 1 lb. peel
- 4 c. butter (or half butter and half shortening)
- ½ lb. blanched almonds
- 6 tps. soda
- 5 c. brown sugar

Sift flour before measuring. Then sift again with the spices. Rub in butter with the finger tips, mixing well. Add the prepared fruit and chopped almonds. Add the soda to half of the milk and heat the remaining 2 cups of milk to scalding point. Then add the cold milk and soda to

it. Then mix the milk with the dry ingredients. This makes a 15-lb. cake or 4 good-sized cakes. The recipe is equally good halved or quartered.

**LIGHT FRUIT CAKE**

- 1 lb. butter
- 1 lb. icing sugar (3 cups)
- 8 eggs
- 1 cup milk
- 1 lb. Sultana raisins or almonds
- ½ lb. cherries or peel
- 1 teaspoon brown sugar
- 1½ lbs. flour (6 cups)
- Juice of 1 lemon

METHOD: Cream butter and sugar; thoroughly beat eggs in bowl, add milk, beat together, add gradually to cream and butter with flour. Dissolve baking powder in a little milk, add fruit dredged in flour, add lemon juice. Bake 1½ hours in a slow oven.

**ALMOND PASTE**

Sieve ½ lb. icing sugar. Add ½ lb. ground almonds and mix well.

Make a well in the centre and mix to a stiff paste with one beaten egg, the juice of ½ lemon, and 1 tsp. vanilla. Dredge a pastry board with icing sugar, turn the paste onto it, and knead well.

**HOLIDAY QUICK BREAD**

- 1 cup all-purpose flour
- ½ teaspoon salt
- 1½ teaspoons baking powder
- ½ teaspoon soda
- 2/3 cup sugar
- 1 cup whole wheat flour
- Juice and grated rind of 1 orange
- 2 tablespoons melted shortening
- Boiling water
- 1 egg
- ¼ cup chopped mixed peel
- ¼ cup coarsely ground raw cranberries

Sift together the flour, salt, baking powder, soda and sugar. Add whole wheat flour and mix. Put orange juice and grated orange rind in a cup.

Add melted shortening and sufficient boiling water to make 1 cup. Beat the egg and to it add the liquid mixture. Add liquid to dry ingredients. Fold in cranberries and chopped peel. Pour batter into a well-greased loaf pan 9¼" x 4¼" x 3". Bake in a moderate oven 350° F., for 1 hour. Store for 24 hours before serving. Yield: 1 loaf.

**MINCEMEAT DROP COOKIES**

- ¼ cup shortening
- ½ cup sugar
- 1 egg
- 1 cup mincemeat
- 2½ tps. baking powder
- 1¼ cups flour

Cream shortening, add sugar, egg, mincemeat, and flour and baking powder which have been sifted together. Drop by tps. on greased baking sheet and bake in a hot oven (375 degrees) for 10 minutes. Makes about 30 cookies.

**CRANBERRY PUNCH**

- 1 qt. cranberries
- 1 cup sugar
- 3 tps. lemon juice
- 6 cups water
- 1 cup orange juice
- 1 qt. ginger ale

Cook cranberries in the water, rub through a sieve. Add the sugar and chill. Just before serving add the orange and lemon juice and ginger ale and pour over ice cubes.

**HOLLYWREATH CANAPES**

Spread round of bread or Ritz crackers with creamy white cheese. Around the edge place a border of chopped parsley or watercress, with bits of pimento for holly berries.

**CHRISTMAS MERINGUES**

- 3 egg whites
- 1 tbsp. cornstarch
- 1 cup sugar less 1 tbsp.

Mix sugar and cornstarch together. Beat egg whites till stiff, add sugar mixture and blend. Place in double boiler and cook for 7 minutes stirring constantly. Remove from fire and add 1 cup coarsely chopped nuts and 1 cup chopped red and green cherries. Drop by very small tps. on a well oiled cookie sheet and bake at 275 degrees until lightly browned.

**CRANBERRY PUFFETS**

- 3 tps. finely chopped nutmeats
- 2 tps. sugar
- Grated rind ½ orange
- 1 tsp. orange juice
- 1 cup whole cranberry sauce
- Pastry

Combine nutmeats, sugar, orange juice and rind, and cranberry sauce. Roll out pastry, cut in 4-inch rounds, put on a tbsp. of the cranberry mixture in the center of half the rounds, and top with remaining rounds. Press edges together. Brush with milk or beaten egg and cut two or three gashes in top of each pie-let. Bake in hot oven about 20 minutes.

**NUT CARAMELS**

- 2 cups corn syrup
- ½ cup cream
- 2 tps. vinegar
- 1½ squares bitter chocolate

Combine syrup and cream, add vinegar and chocolate. Cook to the firm ball stage. Pour into buttered pan and cut in squares when cool. Roll in nuts and wrap in wax paper.

□ □ □

## Farm Wife Value Set at \$100,000

THE sunrise of the atomic age has not obliterated sheer stark courage. George A. Pond, professor of agricultural economics at the University of Minnesota, has the bedrock fortitude that enables a David to face a fearsome adversary. He has calculated that a farmer's wife, if a good one, is worth \$69,000. In the course of his work, Professor Pond asked farm account keepers to tell him how much their wives co-operated in running their farms. It was revealed that those who said the "co-operation of the wife was the keynote" made an average of \$2,760 a year more than the group that reported their wives "did not co-operate extensively." Thus, if a farmer had an investment that would bring him \$2,760 at 4 per cent., he'd need \$69,000. Therefore, if there's anything in logic, a farm wife is worth that sum.

It seems to us that this is a conservative figure. Without going into the question of how one would determine the value of city and suburban wives, \$2,760 a year is a modest sum for a lady who runs a house, takes care of children, looks after chickens, heats the milk and bottle-feeds orphan lambs, helps in the garden, makes pie enough so a man can have a piece for breakfast, bakes beans every Saturday, and is willing to make homemade biscuits with the fact that she understands that a man wants fried potatoes for supper five nights a week, and the professor's arithmetical conclusion is far too low. We would make it a flat \$100,000 without quibbling.—*New York Times*.

## Aunt Sal Suggests

*The Christmas bells ring out again,*

*At this glad time of year;  
We also send some handy hints,  
To add a bit of cheer.*

There are those cynics who dub the practice of card giving as a commercial racket . . . but most of us agree, "what would the Yuletide be without them!"

With their frosty sparkle and bright messages Christmas cards are such tangible symbols of the sentiments of our friends from far and near. We like to share fine sentiments with others and so we like to share our cards. That is the real reason we place our cards on display in our homes isn't it, neighbors?

One of the oldest customs was to stand the cards in a proper row along the mantel . . . But now card-giving has grown so that no mantel could hold them all. Naturally different rooms call for different styles of decoration, so each person will have to work out her own. Here are a few ways we have tried to utilize our card collection to furnish a definite place in our Yuletide trimmings.

In some rooms you can tuck the cards behind the wainscoting . . . 'round the doorways . . . or as a colorful frieze underneath the picture moulding right around the room. Most cards are of the folding style, so you can then hang them over lines of colored string. Work out your own system with this idea . . . either looping the string from one part of the room to another or placing the string flat against the wall. In a room where fibrous wall board is used, then one can pin the card right onto the walls. This really is the most effective of all . . . very pretty and really artistic arrangements can be achieved.

I don't suppose there is any "big day" of the year where "planning ahead" is demanded more than Christmas Day . . . and I don't think there is any time when it is so disregarded. But let's try again, this year. Two or three weeks ahead of the 25th, indulge in a quiet spot of planning on paper. Plan out the dinner to the last pickle and check off all the food items that can be prepared days ahead. Cranberry jell can be prepared . . . even pies can be baked and frozen ahead of time (if Jack Frost permits) . . . And Sir Turkey himself can and should be stuffed at least 24 hours in advance of the date . . . If you are planning to "try your hand" at a new poultry dressing try a small batch of it before Christmas and ask the family's honest opinion of it. And, if I know my families, you'll get it too. We mentioned this at Thanksgiving time, but we are going to repeat this hint for we like it a lot . . . and that is: crumble some cornmeal cake in with the bread in the stuffing. It makes for a moist yummy taste that is good.

Many hostesses think that a casserole dish of sweet potatoes is a "must" with turkey. But in using this vegetable don't over-look it as the chief ingredient in a salad. Combined with apple, celery and nuts and moistened with your favorite mayonnaise it really is delicious.

So many are now living in homes that lack dining rooms, so there will be no long-drawn-out table at which

to seat your guests. That need not detract from the festive meal. The crowd can be divided into small groups seated at card tables . . . the food be kept hot in the kitchen and several home-style waitresses carry platters from table to table.

Hold fast to all the worth-while traditions of Christmas observance by all means, but do not be afraid to introduce new touches to the celebration each year.

Bye bye for now . . . and every good wish for Christmas!

□ □ □

## Kitchen Weights Measures and Temperatures

3 teaspoons	1 tablespoon
16 tablespoons liquid	1 cup
12 tablespoons dry	1 cup
1 cup	1/2 pint or 2 gills
2 cups	1 pint
2 pints	1 quart
4 quarts	1 gallon
8 quarts	1 peck dry
2 tablespoons sugar	1 ounce
4 tablespoons flour or butter (level)	1 ounce
4 teaspoons cocoa	1 square chocolate
1 level tablespoon	3 teaspoons
2 level teaspoons	1 dessertspoon
2 level tablespoons of sugar	1 ounce avoirdupois
1 square of chocolate grated	1 ounce or 4 tablespoons
1 medium-sized egg	2 ounces
9 to 10 medium-sized eggs	1 pound
8 egg whites	1 cup
12 egg yolks	1 cup
Juice of 1 lemon	3 tablespoons
1 cup butter	1/2 pound
2 cups granulated sugar	1 pound
2 1/2 cups brown sugar (packed firm)	1 pound
4 cups flour	1 pound
2 cups rice	1 pound
2 cups chopped meat tightly packed	1 pound
2 cups chopped suet tightly packed	1 pound
3 cups raisins	1 pound
4 1/3 cups coffee	1 pound
1 cup chopped nut meats	1/4 pound

When sour milk is used take 1 even teaspoon soda to a pint of milk. 1 teaspoon of baking powder is the equivalent of 1/2 teaspoon of soda and 1 teaspoon of cream of tartar.

In measuring flour in cup, tap measure lightly that no unfilled space remains.

## Temperatures For Baking

Slow Oven: 250° F. to 325° F.  
Moderate Oven: 350° F. to 375° F.  
Hot Oven: 400° F. to 450° F.  
Very Hot: 450° F. to 500° F.

For the use of those who have no oven thermometer there are several practical tests. Set a pan sprinkled with flour in the oven and if it becomes a delicate brown in five minutes the oven is slow (250° F. to 325° F.) If the flour turns a medium golden brown in five minutes, the oven is moderate (350° F. to 400° F.) If the flour turns a deep, dark brown in five minutes, the oven is hot (400° F. to 450° F.), very hot oven (450° F. to 500° F.) the flour turns a deep dark brown in three minutes.

## Spicy-rich...sugar-scant

only 2 tablespoons of sugar in  
Magic's saucy succulent

## CHRISTMAS PUDDING



Delicious, delicate-textured . . .

**T**HERE IS A SANTA CLAUS! Yes, with only two tablespoons of precious sugar—you can make the richest, spiciest, sauciest Christmas Pudding your sweet-toothed family ever tasted!

But be sure to use Magic Baking Powder for the most delicious baking results. 3 generations of Canadian homemakers have relied on Magic for finer, lighter texture—more delectable flavor.

made with  
**MAGIC**



## CHRISTMAS PUDDING

2 1/2 cups sifted flour  
1/4 tsp. Magic Baking Soda  
3 tps. Magic Baking Powder  
1/2 tsp. Salt  
1/2 tsp. nutmeg  
1/2 tsp. cinnamon

1/4 cup finely chopped suet or shortening  
1 cup molasses  
1 1/4 cup seedless raisins, floured  
1 cup milk  
1/4 cup citron or mixed peel

Sift flour together with soda, baking powder and spices. Mix together suet, molasses and milk. Combine with dry ingredients. Add fruit. Mix together well and pour into 2-qt. grease-covered pudding mold. Steam on top of range 3 hours. Serve with

**Fluffy Custard Sauce:** Scald 1 cup

milk. Separate 2 eggs, beat yolks with fork, add 2 tbs. sugar and few grains salt. Gradually add scalded milk. Place in double boiler over hot water. Cook, stirring constantly until mixture thickens about 8 min.; cool. Beat egg whites until stiff; fold into cooled custard with 1 tsp. vanilla.



# CLASSIFIED BUYERS & SELLERS ADVERTISEMENTS AT LOW COST

**SUBSCRIPTION RATES:** To bona-fide farmers residing in Canada, west of the Great Lakes and when remittance is made direct to our office—25c for 2 years or 50c for 5 years.

**DISPLAY ADVERTISING RATES:** Sixty cents per Agate line.

## WARNING

IN the interests of our readers we are advising that when approached by a subscription salesman, you examine his credentials and make sure he is a fully credited salesman. We have received numerous complaints from subscribers, of men who claim employment with this publication, but have no official credentials from this office. They are not agents in our employ and readers are asked that when asked to renew or take out a subscription, to check all credentials. We cannot be held responsible for subscriptions taken by an unauthorized agent. All our agents carry a yellow card signed by an official of the Farm and Ranch Review.

M. HOLMES, Circulation Dept.,  
Farm and Ranch Review,  
Calgary, Alberta

## PURE-BRED BREEDERS' DIRECTORY

Cost \$2.00 for 6 months or \$3.00 per year. The breeders listed below will be glad to send particulars on request. Write them of your requirements.

### Aberdeen-Angus

Casa Loma Stock Farm, Accredited since 1924. Cathro & Anderson, R.R. 4, Calgary, Alta., Est. 1905.

Chas. Ellett & Sons, Sandy Lake Stock Farm, R.R. 2, South Edmonton, Alberta.

Highland Stock Farm, Accredited Herd, Chas. C. Matthews, Calgary.

Roy Ballhorn, Accredited Herd, Wetaskiwin, Alta.

C. G. Montgomery, Ranfurly, Alta.

### Jerseys

Huntington Farm, Accredited Herd, Purebred Land and Water Fowl, W. J. Pickard, Wetaskiwin, Alta.

### Red Polls

T. H. Howes, Willow Farm, Accredited Herd, Millet, Alberta.

### R.O.P. Barred Rocks

R.O.P. Progeny Testing. Ed. Brewitt, Michichi, Alberta.

## AUTO PARTS & ACCESSORIES

**CAR OWNERS.**—Attention! Save money on your Auto repairs and accessories. Complete stock of new and used parts. Write for our Free Catalogue. Auto Wrecking Company, Limited, 263-273 Fort Street, Winnipeg, Man.

## B.C. PROPERTY

**FRASER VALLEY HOMES, FARMS, ACREAGE**  
Some choice locations available.  
Alberta Connections - Inquiries Invited.  
**MARTYN & MALONEY,**  
HANEY, B.C.

## BABY CHICKS

**BOOK YOUR ORDER NOW** for 1947 Tweddle chicks. You safeguard yourself against price rise, get advantage of any drop in price before delivery and you have the breed of chicks you want on the date you want them. Tweddle Government Approved chicks are real profit makers. Popular pure breeds or cross breeds, sexed or straight run. They all come from Pullorum-tested Tweddle stock of proved livability and productivity. Send for early delivery price list and catalogue today. Also laying and ready-to-lay pullets for immediate delivery. Tweddle Chick Hatcheries Limited, Fergus, Ont.

## BABY CHICKS



## STEWART CHICKS

Are All Special Quality

R.O.P. Sired

J.R. Stewart,  
Mgr.

R.O.P. Sired Chicks are recognized by the Dominion Department of Agriculture as being the highest quality possible to be produced in commercial quantities.

All Stewart's White Leghorn, Barred Rocks, Rhode Island Red and New Hampshire Breeding Flocks will be headed by Pedigreed R.O.P. Males from trapnested hens with records of from 200 - 300 eggs per year. Chicks that will LIVE - GROW - LAY AND PAY.

## BROODERS

BUCKEYE OIL BROODERS — \$23.75

MONARCH COAL BROODERS — \$15.25

Write today for large, illustrated catalogue and price list. 10% deposit now will book your chick and brooder orders and will also give you preference of delivery dates.

Hear Songs of the Buckaroos every Thursday night, 7:30 and our Old-Time Programme, Friday nights, 9:30 M.S.T., over CFCN, Calgary, 1010 K.C.

**STEWART ELECTRIC HATCHERIES**

602-B - 12th Avenue W., Calgary, Alta.

## PRINGLE



## BABY CHICKS FOR 1947

Our three hatcheries are now booking reservation orders for 1947 for both R.O.P. Sired and Approved baby chicks. We guarantee correct 1947 prices and urge you to place your orders now and be assured of delivery date priority. Successful poultrymen raise Pringle baby chicks.

## PRINGLE ELECTRIC HATCHERIES

Calgary—Edmonton—  
Chilliwack, B.C.



## THE CHICKS WHICH GIVE RESULTS

Order

## EARLY- EARLIER HATCHED CHICKS for 1947.

Export Egg Contracts require Fall and Winter fresh eggs.

Early hatched chicks will fill these Contracts.

Five popular breeds to choose from — and remember — "It's Results That Count."

Write

RUMP & SENDALL LTD.

Box R, Langley Prairie, B.C.  
(Okanagan Branch: Vernon, B.C.)

**Rump & Sendall**  
LANGLEY PRAIRIE B.C.

## BABY CHICKS

**YOU CAN DEPEND ON TOP NOTCH CHICKS** to bring you Top Prices in 1947. Send now for the Top Notch poultry catalogue and plan an early start. All popular breeds and cross breeds are developed from Top Notch pullorum-tested, highly productive breeding stock. Low mortality is scientifically assured. The Top Notch system of pre-selection only the finest breeding stock and culling out all weaklings results in uniformly, live, healthy chick shipments to all Top Notch customers. Order Early to be assured of getting the breeds you want on the date you want them. Send today for interesting free catalogue. Also laying and ready-to-lay pullets for immediate delivery. Top Notch Chickeries, Guelph, Ontario.

## BANTAMS

**MURPHY'S COCHIN BANTAMS** — Buffs, Blacks and Whites. Offering quality stock in all three varieties. Can spare a few pair of high-class White Leghorn Bantams. H. R. Murphy, Box 463, Chilliwack, B.C.

## BELTING

WRITE for Special Bargain List on Belting. The Premier Belting Co., 800 Main Street, Winnipeg.

## BOOKS & MAGAZINES

**TEN BIRTHDAY OR CHRISTMAS CARDS** with "Rural Roottree", six months, 25c. Lamp and Fireside Publications, Box 44, Orillia, Ont.

"ANGORA WOOL FARMING," 50c postpaid. Written especially for beginners. Easy to follow, proven successful methods. Hutch plans, etc. Doroville Angora Rabbitry, Parksville, B.C., 20 years in business. Breeders of the Doroville Strain Angoras.

## COCKERELS

**PUREBRED BUFF ORPINGTON COCKERELS**, \$2.50 each. Mrs. T. H. Howes, Millet, Alta.

## CHIROPRACTORS

DRS. Cassidy & Cassidy, Chiropractors, 27 Canada Life Bldg., Calgary.

## DOGS FOR SALE

**I AGAIN HAVE SEVERAL PURE BORDER COLLY** stock pups, both in male and females and 7 special bred Border Colly Sheep Dog Pups, soon ready to start training; bred for brains and beauty, very intelligent and affectionate. As to prices and all descriptions, too lengthy and expensive to advertise, if you are looking for something specially bred, just drop me a line for quotations and full descriptions. P. J. Kokatt, Box 1, Tompkins, Sask.

## EDUCATIONAL

**MEN WANTED** to Learn Barbering. No experience required. Light, clean, inside work. Offers steady employment, big pay. Many positions now open. Opportunities for advancement. Write Moler Barbering College, 814 Centre St., Calgary.

## LEARN MUSIC AT HOME

Piano, Violin, Guitar, simple as abc. Particulars free. Paramount conservatory of Music, 246 E 18th, Vancouver.

## FARMS & RANCHES FOR SALE

## HBC FARM LANDS FOR SALE

IN MANITOBA, SASKATCHEWAN AND ALBERTA

Cash or Terms, Clear Titles  
Hay and Grazing Leases  
Hay and Timber Permits

*Under All lies the Land*

ITS WISE USE ESTABLISHES THE WELL BEING OF THE PEOPLE

Mail Coupon for Information and state land in which you are interested.

MANAGER, LAND DEPARTMENT  
HUDSON'S BAY COMPANY  
WINNIPEG F.R.R.-12-46

Sec. Tp. Rge. West East  
Name  
Address

**Hudson's Bay Company**  
INCORPORATED 22 MAY 1870

## FARMS & RANCHES FOR SALE

**CANADIAN PACIFIC RAILWAY** — Unimproved farm lands and grazing lands in the provinces of Alberta and Saskatchewan at reasonable prices. For particulars write to the Land Branch, 957 Dept. Natural Resources, Calgary, and you will be provided with the name and address of the representative in the district in which you are interested.

480 ac., Elnora District; 300 ac. cult., 100 ac. summerfallow. Good 6-rm. house, barn, granaries, garage, etc. Drilled well, spring in pasture. Excellent value at \$9,000 Cash. Immediate possession.

620 ac., Stettler District; 400 ac. cult., 150 ac. summerfallow. Good 7-rm. house, full basement and furnace; 2 barns, stationary granary for 6,000 bushels; 2 portable steel granaries; garage, etc. School and elevators, 3 miles. Good clay loam. Early possession. \$10,500 with \$6,000 cash.

420 ac., east of Delia, 300 ac. cult.; 80 ac. summerfallow. All black gumbo soil. Community pasture rights for 100 cattle; spring at bldgs. Excellent 8-rm. house, full basement and furnace. All good bldgs. in first-class condition. Owner aged and retiring; 9 miles from town. \$9,500 with \$6,000 cash.

640 ac. deeded; 1,120 ac. lease, with spring, creek in pasture. 325 ac. cult., 125 ac. summerfallow. Drilled well, abundance of water, shelter belts at bldgs. Everything in top condition. Owner aged and retiring. \$6,500 with \$4,500 cash. This is unusual value. Located in east central Alberta.

1,605 ac. deeded, 320 ac. lease on Battle River southeast of Edmonton; 650 ac. cult., 250 ac. summerfallow. Splendid 8-rm. house with complete bath. Spring water in house, hot-water heating plant, electric light plant, large barns, sheds, corrals, granaries. Bldg. alone worth price of \$11 per ac. \$11,000 cash, terms on balance at 5%.

1,920 ac. deeded, 1,600 ac. lease; 360 ac. cult. East Central Alberta. Fine 10-rm. frame house, plastered, full basement, bath, toilets, cottage for help, sheds, corrals, blacksmith shop and tools, granaries, hay and farming machinery, harness, saddles, car and truck; 20 horses, 200 cattle (good Herefords); all small tools and equipment. Full price as going concern \$26,000 with \$21,000 cash, balance arranged.

## FRANK FREEZE CO. LTD.

229 - 8th Avenue West,  
CALGARY, ALBERTA  
C. H. MAGEE, Farm & Ranch Division

**FOR SALE OR TRADE.** Alberta lands. Easy terms. No interest. What have you? H. A. Langley, Milner, B.C.

## FOR SALE

## BOYS' AIR CADET SUITS!

Genuine airforce cloth, complete set, coat, pants, cap. Smart appearance, sturdy wearing. All sizes. Price, \$9.50. Refund guarantee. Prepaid. Frankel Clothing, 85 Queen East, Dept. 4, Toronto.

## Sugarite Concentrate

Sugar Taste, 8 ozs., \$1.50; makes gallon sweetener. Six bottles, \$6.00; 10 bottles, \$9.50. Prepaid immediately. Sweetens baking, beverages, anything. Recipes, Guaranteed. Much sweeter than sugar. Cheaper. No C.O.D.'s please. Sugarite Co., Unionville, Ont.

## HELP WANTED FEMALE

**BE A HAIRDRESSER**—Many women wanted —Learn Hairdressing. Greatest Opportunity—Better paying positions — Pleasant work — Catalogue Free. Write Marvel Hairdressing Schools, 326A - 8th Ave. W., Calgary, Alta.

## HIDES & HORSEHAIR

**SHIP** your green and dry cattle hides, green horsehides; sheepskins; horsehair, raw furs to J. E. Love & Son, Calgary, for best market values.

## HORSE TRAINING

**"HOW TO BREAK AND TRAIN HORSES"** —A book every farmer and horseman should have. It is free; no obligation. Simply address Beery School of Horsemanship, Dept. 6412, Pleasant Hill, Ohio.

## INCUBATORS

**5 COMBINATION BUCKEYE ELECTRIC INCUBATORS** for sale cheap. Setting capacity 12,000; hatching capacity 4,000. 25 or 60 cycle. Apply Tweddle Chick Hatcheries Limited, Fergus, Ontario.

## JEWELLERY AND WATCH REPAIRS, OLD GOLD

**EXPERT WATCH AND JEWELLERY REPAIRING, DIAMONDS, OLD GOLD AND SILVER PURCHASED.** Send or bring to **HENRY BIRKS & SONS** (Western) Limited, Calgary

CLASSIFIED ADS BRING RESULTS

# LIVESTOCK

## SHEEP

**SELLING CHEVIOTS**, the hardy, early maturing, prolific market toppers, clean white faces. The superior sheep in districts bothered by coyotes. They are the Western Favorites, and especially good flockers. Buy one of these top quality rams and eliminate smutty wool dockage in your wool returns. Lambs ready for service now, \$35. Shearlings, \$40 and \$45. All orders receive prompt attention. Justmere Stock Farm, Lloydminster, Sask.

## RED POLLS

**THE CATTLE OF THE FUTURE** must be Economical to FEED — Produce High-grade Milk — and Breed Good Beef Making Calves — "The Breed is the Dual-Purpose RED POLL" — For further particulars apply, Canadian Red Poll Association, Anaheim, Sask.

## WANTED

**WANTED** — Farmers to raise pigs on shares. A. Griffith, 37 Congress Apts., 725 - 13th Ave. W., Calgary, Alta.

## LIVESTOCK REMEDIES

**VIX (STIKS-EM)**—Settle shy breeding cows or mares with one service or your money back. Use just before service. 85c for cow or mare; \$2.35 for 4; postpaid. Will keep indefinitely. Order today. Kyle Ayrshire Farm, 506, Carman, Man.

## MISCELLANEOUS FOR SALE

**MAKE MONEY AT HOME** with Spin-Well Wool Carding Machines—Spinning Wheels. Carding combs any size. Write Box 102, Sifton Products, Sifton, Man.

**LAST CHANCE TO SELL YOUR OLD SEWING MACHINE.** New machines are now gradually coming through, so sell your old machine now. We pay freight. Humen Sewing Machine Co., Edmonton, Alta.

**UNSURPASSED VALUES IN BEAUTIFUL** Boxed or Personal Christmas Cards. Catalog FREE. Canadian Specialties, Dept. B, Box 24, Saskatoon, Sask.

## MACHINERY

### CREAM SEPARATOR SUPPLIES AND REPAIRING

New parts available for any make of cream separator. Two rubber rings and complete set of brushes sent postpaid on receipt of \$1.00. Send in your bowl complete, spindle, neck bearing and spring, when we will retin the bowl, retin, respace, reshape each disc, rebalance the bowl and put everything in first-class condition. All work GUARANTEED. Over 40 years in business. T. S. Petrie, 373 Bowman Ave., Winnipeg.

### PUMPS, MOTORS, ENGINES

Diesel, Nat. Gas

### MACHINERY, SUPPLIES

New and Used

WILKINSON

## MEDICAL

**VITAMINS FOR HEALTH** — Poor Appetite, faulty elimination, rheumatic pains, nervousness, digestive disturbances, weakness, fatigue, headache, dizziness, may be due to lack of Vitamin B, woefully short in our regular diet. Wake up and begin taking Elik's Vitamin B Complex with Vitamin C and Iron and watch improvement. Price \$2.75 for 100 tablets. Free Booklet on request. Get it at your local drug store. If not obtainable, order from Elik's Medicine Co., Dept. 6, 222 - 20th St. W., Saskatoon, Sask.

## PERSONAL

**RUPTURED?** New patented invention, lifts and holds like the human hand. Write for information. Hand-Lock Products, 146 King St. East, Kitchener, Ont.

**GRATTON'S WRINKLE LOTION**, a superior full strength astringent that scientifically smooths out fine lines and wrinkles, instantly closing and refining the pores, it gives a soft satin smooth finish to any complexion at once, no waiting, a wonderful powder base. Price, \$1 or four bottles for \$3, postpaid, satisfaction guaranteed. G. Grattan, Station L, Winnipeg, Man.

## FREE FOR ARTHRITIC PAINS

Try "Rosse Tabs" at our risk, for pains of Arthritis, Neuritis, Rheumatism. Send no money — just send name and address, and we will rush you a full-size package. If after using 24 Tabs you are not amazed at the relief from pain, return the package to us — and it costs you nothing. Write today. Rosse Products Company, Dept. 20-C, 2708 Farwell Ave., Chicago 45, Ill. Shipped from Canadian office, duty free.

**TWO-IN-ONE RUG MAKER** and Hemstitcher. This invention can be used on all sewing machines. No more drudgery making hooked rugs by hand. Saves material and labor and the rugs last longer. Also makes comforters, pillow tops, slippers, piano scarfs, auto robes, fringe and trimmings for dresses and coats. Makes artistic designs, flowers, borders and so forth. Makes beautiful rugs from stockings, rags, etc. It can be used to hemstitch two separate pieces of material without basting them together first. It will criss cross its own work successfully. It will hemstitch a circle perfectly as well as inlaid hemstitching. Complete with full instructions, only 75 cents postpaid. G. Grattan, Station L, Winnipeg, Manitoba.

**SNAPPY COMIC XMAS CARDS!** They're a wow! 18 different spicy, snappy, comic Xmas cards and envelopes to send to your friends. Laughs galore or your money refunded. While they last, 18 for \$1.00; 36 for \$1.75; 54 for \$3.00. Order to day. Western Distributors, Box 24XFR, Regina.

## RHEUMATIC, ARTHRITIC OR NEURITIC PAINS

Quick, lasting relief with Breenatone. Reduces painful, swollen joints. Months' Treatment. One Dollar. Modern Supplies, 330H Lee Building, Vancouver, B.C.

**LONELY? GET ACQUAINTED, MARRY.** Hundreds of members. Many with means. Widows with farms or city property. Country and city girls. Teachers, nurses, farmers' daughters, cooks and housekeepers. Sealed particulars free. Canadian Correspondence Club, Box 128, Calgary, Alta.

## RUPTURE TROUBLES ENDED

Positive relief and comfort. Advanced method. No elastic, no understrap, no steel. Write Smith Manufacturing Co., Dept. M, Preston, Ontario.

**SEWING MACHINE DARNER**, fits all makes sewing machines. You can mend stockings, shirts, linens, clothing. Also for quilting, stitching, marking linens, overcasting seams, and many uses. Full instructions with each darner, 50 cents postpaid. G. Grattan, Station L, Winnipeg, Manitoba.

**ONESOME? JOIN RELIABLE CLUB** established 1909. Write for free information and Description of Members. Sealed. EXCHANGE COMPANY, 3827-25 Main, Kansas City, Missouri.

**BEAUTIFUL HAIR** can be yours, free from dandruff, baldness, falling hair and itching scalp. Use Grattan's Hair Restorer, fully guaranteed. Complete treatment, 75 cents, postpaid. G. Grattan, Station L, Winnipeg, Manitoba.

**KWIK-KLIP SAVE BARBER COSTS** — Men trim your own hair. Ladies, remove hair from arms and legs. Trim hair with a professional aper, no steps; fine for trimming children's hair. Use like ordinary comb. A safe money-saving invention Kwik-Klip, complete with all directions, only 59 cents, postpaid. G. Grattan, Station L, Winnipeg, Man.

**TOCKING RUN MENDER**—New invention that mends runs in stockings in a few seconds. No thread or wool needed. Machine does the work leaving stockings like new, only 25 cents postpaid. G. Grattan, Station L, Winnipeg, Manitoba.

**BOOK OF ONE THOUSAND DREAMS** and their meaning—How soon you will marry, and who your future husband or wife will be, 120 pages in well bound covers. Most complete published, 45c post paid. G. Grattan, Station L, Winnipeg, Manitoba.

**MEN! SEND 10c FOR WORLD'S FUNNIEST** joke novelty and catalogue of novelties, books, specialties. Western Distributors, Box 24FR, Regina.

## WANTED

**CORRESPONDENCE WITH WIDOW** or widower with children. Write Box 34, Farm and Ranch Review, Calgary.

## PHOTO FINISHING

**FREE SNAPSHOTS! FREE ALBUM!** Mail this ad. and two negatives for free snapshots complete in album! When you see these free samples you'll want more! Artisto, Dept. 159, Drawer 220, Regina, Sask.

**ROLLS DEVELOPED AND PRINTED**, 25c— or 8 reprints for 25c—plus double-weight professional enlargement coupon free with each roll. Cut Rate quality would cost you more elsewhere. Films for all cameras now available. Cut Rate Photo Service, Dept. E, Box 236, Regina, Saskatchewan.

**SENSATIONAL Introductory Offer!** 6 beautiful enlargements of any 6 negatives of same size (up to 2 1/2 x 4 1/4). Produced with new Photo Electric "Magic Eye". Send negatives with this ad. and 25c in coin today! Photo Research Labs., Dept. E, Drawer 370, Regina, Sask.

## RAW FURS

**LAST WEEK'S PRICES** for good average lots in Vancouver were: Badger (nom); Beaver, \$24.25; Ermine, \$2.45; Fisher, \$34.50; Fox (Red), \$8.25; Cross, \$12.60; Silver, \$24.25; Jack Rabbit, 62c; Lynx, \$41.00; Marten, \$54.25; Mink (wild), \$24.10; Mink (Ranch), \$18.35; Muskrat (falls), \$2.10; Otter, \$28.60; Raccoon, \$2.50; Skunk, \$1.65; Squirrel, 71c; Wolf (coyote), \$5.75. Ship your furs direct to us. We pay (or refund all royalties). J. H. Munro (established 1913), 1363 Kingsway, Vancouver.

## SAWMILLS

### Sawmill Machinery

#### PORTABLE SAWMILLS

"Little Giant" all-purpose Mill for Lumber and Ties, with 2 or 3 Head-Block carriage.

#### PLANERS

4-Sided, High Speed, 6" x 16" Ball Bearing throughout including countershaft. Sold complete with Machine Belts, Cylinder Knives and 1 Set Square Heads.

Immediate delivery—Write for prices and Specifications.

### Machinery Depot Limited

1029 - 10th Avenue West

CALGARY — ALBERTA

## SEED WANTED

### MUSTARD SEED

#### AND STINK WEED SEED

We are in the market for these seeds either in carload lots or in lesser quantities at the following prices:

Mustard and Stink Weed Seed, 1 1/4c per lb. or \$25.00 per ton.  
Surplus Screenings, 1/3c per lb. or \$7.00 per ton.

(Prices quoted are F.O.B. Moose Jaw) Bags loaned for smaller shipments of seed.

**SAVE THESE SEEDS AND TURN THEM TO YOUR PROFIT.**

For further information apply to,  
**OIL SEEDS LIMITED**

Room 9, Woolworth Bldg.,

MOOSE JAW, SASK.

P.O. Box 1240 Phone 4811

## SONG WRITERS

**POEMS** wanted for musical setting. Send poem for immediate consideration and FREE Rhyming Dictionary. Richard Brothers, 18 Woods Building, Chicago.

**POEMS** wanted for musical setting. Send poem for immediate consideration. FIVE STAR MUSIC MASTERS, 545 Beacon Bldg., Boston Mass.

## SPECTACLES

**SPECTACLES FROM \$1.98.** We send 10 pairs to test your eyes. Satisfaction guaranteed or money refunded. Lenses required Salway & Rowe, Cardston, Alta.

## TRAPPERS' SUPPLIES

**COYOTE TRAPPERS:** Do the coyotes go just so close to your sets and no closer? These same coyotes will go right up to your sets without fear no matter how trapwise they are. Results guaranteed. Write Fred Tyree, 1029 Fourth St., Bremerton, Wash.

**MUSKRAT, MINK AND BEAVER TRAPPERS** triple your catches with a Submarine trap. Ten Muskrats to a catch. Simple to operate; weighs three pounds. No losses from biting or pulling their feet off. \$4.00 each. Write for catalogue. Submarine Trap Company, Port Saskatchewan, Alberta.

## TANNERS

**TANNERS, Furriers, Fur Dressers** — Furs stored and repaired, robe and leather Tanning. Taxidermy. The Briggs Tannery, Offices and Factory, Burnside, Calgary, Alberta. Phone E 5430.

## TRACTOR PARTS

**NEW AND USED TRACTOR PARTS** for 137 different models. Describe your needs for immediate price quotations. Order from IRVING'S TRACTOR LUG COMPANY, Portal, North Dakota.

## TRADE SCHOOLS

### CHICAGO Vocational Schools (Canadian)

Theory and Practical Courses in:

1. DIESEL Engineering.
2. AUTO Mechanics.
3. Gas and Electric WELDING.
4. ELECTRICAL.
5. AIR CONDITIONING.

FREE information by writing:  
207 Time Bldg., Winnipeg.  
12520 - 102nd Ave., Edmonton.

## TURKEYS

**RAISE TURKEYS** the new way. Write for free information explaining how to make up to \$3,000.00 in your own backyard. Address National Turkey Institute, Dept. 182, Columbus, Kansas.

**GENUINE BROAD BREASTED BRONZE TURKEYS** — Pamphlet with prices and valuable hints on turkey raising sent on request. Richardson Turkey Farm, Vulcan, Alta.

## OIL BURNER

### IT'S HERE

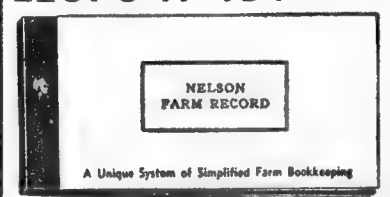
A new, cheap oil burner. This new invention called the Quik-Heat Oil Burner, changes your present heating and cooking coal stoves into a modern, efficient and inexpensive heating unit. There is also a large burner for furnaces that heats up to seven rooms. The Quik-Heat Oil Burner with its new Fuelizer Starter Vaporizing System, burns 30 hours at low flame on one gallon of No. 1 furnace oil, distillate, diesel, heater, range, and like oils without clogging up the vaporizing system. It has a Life Time Guarantee against any defects. For details write 3 McLeay Block, Lethbridge, Alberta. Agents wanted.

## PICTURES

**SEND \$1.00** for pair 9 x 12 beautifully colored imported pictures, printed on heavy paper suitable for framing. (Scenery or Flowers.) Smaller sizes 75c and 50c per pair. They will beautify your home or make delightful gifts. We can also supply attractive Aluminum Frames, 11 x 14, 10 x 12 and 7 x 9 at \$2.00, \$1.50, and \$1.25 each, suitable for framing above pictures. Canadian Shopping Service, Box 34, Keele St. Post Office, Toronto, Ontario.

## Buy Christmas Seals

### Here it is!



### THE BOOK YOU HAVE BEEN WAITING FOR!

**THE NELSON FARM RECORD** is the best and simplest Farm Bookkeeping System ever published.

- Clear, compact, complete to the smallest transaction.
- Takes less than 5 minutes each day to keep.
- So simple anyone can understand it without study.
- Will give you a summary in detail of your year's business.
- Is indispensable in making out your income tax returns.
- Will put your farming on a business basis.
- Is an invaluable record for future reference.

Get it from your local merchant or send direct as per coupon below. If not satisfied that it is the best and simplest Farm Bookkeeping System ever published, return it to us, undamaged within five days and your money will be refunded.

### NELSON FARM RECORD

714 - 7th AVE. WEST, CALGARY

Please send me one copy of the NELSON FARM RECORD, postpaid. I am enclosing Money Order for \$1.85 for one-year size (\$3.75 for three-year size).

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_



## TOO LATE TO CLASSIFY

**COMPLETE LINE OF REBUILT MOTORS**  
—Specializing in Ford A, V-8, Dodge, Plymouth, Chevrolet, etc. Connecting rods exchanged or rebabbited according to specifications, also stock of pistons, pins, rings, bearing shells, transmission, differential gears and bearings, Ford and Chevrolet grills. Dave's Auto Parts and Machine Shop, 291 Logan Ave., Winnipeg, Man.

## Backache Whipped by Man and Wife

If you suffer from Backache, Leg or Rheumatic pains, Nervousness, Swollen Ankles, Burning Passages, Bladder Weakness, or Getting Up Nights, due to Kidney and Bladder troubles, you may easily enjoy the delightful benefits experienced by thousands who have depended on Cystex for such troubles. The following letter from a well-known Massachusetts housewife is typical of those received from Cystex users all over the world: "I was so laid up with pains in my back, legs and arms that I was miserable. Finally I decided to try your Cystex. In a couple of weeks I was like a new person, the pains had left and I could walk anywhere. My husband had pains in his arms, took Cystex and the pains left." To prove what Cystex may do to bring you joyous help from the pains and distress of Kidney and Bladder troubles, get Cystex from your druggist and give it a fair trial with the positive understanding that if you are not satisfied for any reason, you get your money back on return of empty package.

## WHY SUFFER from

- Upset Stomach
- Headache
- Indigestion
- Gas and Bloat
- Loss of Sleep
- Nervousness

caused by

- Functional Constipation?

Get Forni's time-tested Alpenkräuter. More than a laxative, it is also a stomachic tonic medicine compounded of 18 of Nature's own medicinal roots, herbs and botanicals. Alpenkräuter puts sluggish bowels to work and aids them to gently and smoothly expel clogging waste; helps drive out constipation's gas, gives the stomach that splendid feeling of warmth. If you again want to know the joy of happy relief from constipation's miseries and comfort your stomach at the same time, get Alpenkräuter today.



Caution: Use only as directed.

If you cannot buy it in your neighborhood, send for our "get acquainted" offer on Alpenkräuter and receive—

### EXTRA 60c Value — Trial Bottles of

FORNI'S HEIL-OEL LINIMENT—antiseptic—brings quick relief from rheumatic and neuralgic pains, muscular backache, stiff or sore muscles, strains and sprains. FORNI'S MAGOLO — alkaline—relieves certain temporary stomach disturbances such as acid indigestion and heartburn.

### MAIL this "SPECIAL OFFER" Coupon—Now

- ☐ Enclosed is \$1.00. Send me post-paid regular 11 oz. \$1.00 bottle of Alpenkräuter and—extra 60¢ value—trial bottle each of Heil-Oel and Magolo.
- ☐ C.O.D. (charges added).

Name.....

Address.....

Postoffice.....

DR. PETER FAHRNEY & SONS CO.

Dept. C964-33D

2501 Washington Blvd., Chicago 12, Ill.

255 Stanley St., Winnipeg, Man., Can.

## Pioneer Keeps History Alive

(Continued from page 21)

only medicine available was a box of kidney pills. They pried open the horse's jaws and threw in a full handful of kidney pills, with the horse protesting feebly against such unorthodox treatment. But next day the animal was on its feet, feeling fine and frisky.

In keeping with the rugged conditions of the times, some of the compliments paid to the girls were also of a rugged order. Mr. Kerr tells of an extremely pretty girl who worked in one of the early stores established at Alhambra, this lovely lass being the belle of every ball. One morning she teased one of her beaux because he hadn't asked her for a dance at the ball held the night before. Had he lost interest in her, she wanted to know? But the boy hastened to reassure her: no, no, he hadn't lost interest! He'd wanted to dance with her, all right, but every time he tried to get near to ask for a dance, there was a large crowd of other young fellows in the way.

"In fact," said he, gallantly, "the boys were crowding around you last night like flies around bad meat!" Needless to say, the pretty girl did not marry that particular boy-friend!

BEING a Scotchman himself, some of Mr. Kerr's intimate friends were Scottish folk, and he relates a delightful story about a lady we'll call Mrs. Murdoch. She came with her husband direct from Aberdeenshire, and at first Mr. and Mrs. Murdoch lived with her brother Jamie in his bachelor's shack. Mrs. Murdoch had worked on a dairy farm in Scotland and therefore knew something about the care of cows, hence she kept urging her brother to buy a cow for her to look after. The cow was duly bought and Mrs. Murdoch took over full charge of the animal, whom she called Effie. Well, Effie only yielded two-thirds of a pail of milk when she first came under Mrs. Murdoch's care, but by feeding her special mashies of Scottish rolled oats and various other concoctions Mrs. Murdoch managed to coax Effie to yield more and more milk until finally the cow was giving a full pail, night and morning. Mrs. Murdoch was justly proud of this achievement.

Her pride lasted until the time she went in to the nearest settlement for a day's visit. Jamie had promised he would milk the cow that evening, but it so happened that a herd of eight or ten neighbor's cows came wandering into Jamie's garden patch that afternoon. It was the unwritten law among the Alhambra homesteaders that if cows trespassed onto another man's land and did any damage, then the owner of said land was entitled to milk the cows and send them home dry — as a lesson to their owner to keep his cattle fenced properly in future. So Jamie, seeing that his garden was half ruined, promptly lassoed the offending cows, tied them to a fence, got himself a milking pail and set to work. There were about ten of them, hence Jamie was able to fill every pail in the place as well as many of the pots and pans and jugs. Then he turned the cows loose and chased them homewards. That night Mrs. Murdoch returned from town and saw this amazing accumulation of milk, quarts and gallons of it.

"Whaur did ye get all the milk?" she asked.

"Frae Effie, the cow," answered the innocent-looking Jamie.

"Frae Effie - - ! Did ye get all this frae Effie, at one milkin'?"

"Aye! Hoo much milk ha'e ye been gettin', at a milkin'?"

"Ah've only been gettin' one pail — as ye very well know," faltered Mrs. Murdoch, crestfallen to admit it.

Brother Jamie, with a straight face, said: "Och me, Sister! You must be milkin' by the tight Scottish method. Ye'll have tae learn the Canadian system—it's much better!"

The poor lady actually thought there was another system, and from then on, at milking time, Effie the cow bawled in agony as Mrs. Murdoch, with Scottish determination, tried again and again to force her cow to yield the proper Canadian milking!

• • •

The 1,280-acre Willowdale Seed and Stock Farm at Tees, Alta., formerly owned by A. W. Ardley, has been sold to J. B. Fleck who for some years has farmed at Beiseker.

• • •

J. H. Mullen, well known as a storekeeper at Eckville, has recently purchased the fur farm which J. S. Levesley has operated there for the last 25 years. He plans to increase the number of mink kept on the farm.

## TURKEYS BECOME BIG BUSINESS

THE turkey breeding industry has made immense strides in the past year in Southern Alberta. Where a few years ago there were only three important breeders of turkeys south of High River there are now 20.

These flocks, according to a survey by the Lethbridge Herald, average around 300 birds, with several counting up as high as 1,000 birds apiece.

Under the provincial government's turkey flock approval policy, birds are now being banded for breeding purposes. The tendency will be for hatcheries to use eggs laid in Southern Alberta, and for many farmers with small flocks to keep fewer birds for market purposes.

The outlook for the turkey industry is extremely bright, according to E. R. Nicolls, provincial poultry fieldman for Southern Alberta. Unusually favorable conditions enable early hatched pullets to develop sooner for the market. At the moment broad breasted turkeys are continuously displacing the bronzes in public favor. What used to be a side-line for many producers has become a major industry in Southern Alberta.

• • •

## Romnellet Sheep Started in 1913

WE are indebted to R. C. Harvey well-known pioneer sheep breeder formerly of Lethbridge district and now living in Calgary, for further information on the origin of Romnellet sheep. In an article, "Sheep Are Big Business On Alberta Ranges," which appeared in the September issue, reference was made to a white-faced sheep developed by R. C. Harvey "which he called the 'Harvey' sheep". Mr. Harvey points out that he actually called these the "Romnellet" sheep.

"The Romney Marsh sheep was first introduced and registered in Canada in 1913, by me, from a flock in Monmouth, Oregon," writes Mr. Harvey. "These were crossed on Rambouillets, and the first sale of Romnellet rams was held in Lethbridge in 1915. In 1917, I imported 200 head of Romney ewes and rams from Kent, Eng., and



### SARCEE CHIEF DIES

Joe Big Plume, 60, head chief of the Sarccee Indians since 1933, died in Calgary, early last month. The colorful Stampede figure had lived all his life on the Sarccee Reserve where he was born and was a direct descendant of Bull Head, warrior chief of the Sarccees, who signed the Indian Treaty in 1877 with the representatives of Queen Victoria, "The Great White Mother."

I also imported from the United States 200 Rambouillet ewes bred to the Romney rams, producing Romnellets. Your magazine of June 20, 1919, set forth many of the details concerning the Romnellet sheep and their origin. Since that time many changes have taken place, and during this period up to 1935 I had sold over 6,000 rams of this breed. Wherever they have been used there was never any complaint that I heard of, but through lack of co-operation this line of breeding has been very much modified."

Among recent important ranch sales in Southern Alberta is that of the George Porter & Sons property, 30 miles north of Lundbreck, to John F. Miller of Las Vegas, Nevada, who last year bought the adjoining Waldron Ranch from Burns Ranches Ltd.

Buy Christmas Seals



## Wit of the World

Methuselah ate what he found on his plate,  
And never, as people do now  
Did he note the amount of caloric count;  
He ate it because it was chow.  
He wasn't disturbed as at dinner he sat,  
Destroying a roast or a pie,  
To think it was lacking in glandular fat  
Or a couple of vitamins shy.  
He cheerfully chewed species of food  
Untroubled by worries or fears  
Lest his health might be hurt by some fancy dessert—  
And he lived over nine hundred years.

Sour-faced Woman: "You get out of here, or I'll call my husband."  
Tramp: "Y'r husband ain't at home."

"How do you know he isn't?"  
"I've allers noticed, mum, that when a man is married to a woman wot looks like you, he's never at home 'cept at meal-times."

An Indian named Joe wowed a small community with his uncanny way of predicting changes in the weather. On a sunny day, along would slink Joe and say: "Bimeby rain come."

One day it was particularly miserable—rain, wind, cold. "Joe," inquired a hunter, "when will all this blow away? Bimeby nice day?"

The red man shrugged, "Dunno," he replied, "radio he broke."

"For years," she said, "I didn't know where my husband spent his evenings. One night I came home early—and there he was!"

All the living creatures came onto Noah's Ark in pairs except worms. They came in apples.

A city boy, visiting his country cousin, was walking through a pasture when he heard a buzzing sound.

"Come away from there!" the cousin shouted. "It's a rattlesnake. If you go near it, it will strike!"

"Gosh," said the city boy, "do they have unions, too?"

The young husband had just arrived home from the office.

"What's the matter, darling?" he asked. "You look flustered."

"Oh, I've had a dreadful day," his wife answered. "First baby cut his first tooth, then he took his first step, and then he fell and knocked out his tooth."

"Well, and then what happened?" asked her husband.

"Oh, darling," she answered in a shocked voice, "he said his first word!"

A motorist was observing a farmer tilling a rocky farm in Vermont, and remarked.

Motorist: "Honest, my friend, I don't know how you make a living on this farm. Look at the rocks everywhere!"

Yankee: "I ain't so poor as ye think I be. I don't own this farm."

We had not been married a week and he hit me with a piece of sponge cake, Your Honor.

Disorderly conduct. Five dollars and costs.

And, Judge, I made the cake with my own hands.

Assault with a deadly weapon—one year.

## 358 SASKATCHEWAN COMBINES EARNED \$1,285,000 IN U.S.

TOTAL earnings of Saskatchewan combine outfits which crossed into the United States last season to help in harvest operations was \$1,285,000, compared with \$524,000 for 1945, it has been announced by Agriculture Minister I. C. Nolle. An estimated 358 outfits took part in the movement, more than double the number of 151 which went south last year.

About 1,140 men made up the crews and operations took place in nine states. Last season only 500 workers went south and worked in seven states.

First combine outfits crossed the

border May 1, the earliest date they are permitted to do so under the annual international agreement governing the movement, to start work in Texas and Southern Oklahoma. By May 27 there were 100 outfits in the United States. These worked their way north in time for the harvest here, which they are required to do, Mr. Nolle said.

Most of the work was done in Kansas, South Dakota, Nebraska and Oklahoma. The great increase in the movement of Canadian combines this year reflects the farm machinery shortage in the United States, said the minister.

## STORE ICE FOR SUMMER USE

THERE may still be time before severe weather sets in to make preparations for storing the winter ice crop on the farm. For the benefit of farmers who do not already have a more or less permanent enclosure for this purpose, the Dominion Department of Agriculture has available a publication on "Simple Methods for the Storage of Ice". The publication deals with three separate plans for which specifications and illustrations are given, namely, ordinary storage, an insulated icehouse, and the ice well.

For ordinary storage, any unoccupied corner of a shed will serve. A rough board enclosure 10 feet square and 8 feet high will hold enough ice to provide 50 pounds per day for 130 days, after allowing for a reasonable amount of wastage. The smaller the quantity stored, the larger the proportion of wastage. Sawdust is the material which keeps the ice from melting, so that the bottom of the enclosure should be covered with about one foot of sawdust. If the soil underneath is impervious clay, it is better to have a few inches of gravel below the sawdust. A space of one foot, to be filled with sawdust, should be left between the ice and the boards, and the ice should be covered with about the same thickness.

If it is desired to erect a special icehouse, the roughest kind of shed that will keep out the weather is all that is necessary. There are plans for building different kinds of ice houses in the publication which can be obtained by writing to Dominion Department of Agriculture, Ottawa.

## Plan Power Extensions

A MEETING to lay plans for the extension of district power lines was held recently in Drumheller, Alta. A sub-station will be erected at Nacmine by the Canadian Utilities Company. The line will affect citizens in Church Hill, Robson Lake and Horse Shoe Canyon districts.

## Answers to "Gather Round The Christmas Tree!"

- (b) Martin Luther.
- (d) The Druids.
- (c) Balsam fir.
- (a) Prince Albert, Queen Victoria's husband.
- (b) Maryland, My Maryland.
- (c) Nova Scotia.
- (a) Sweden.
- (a) London (The magazine was *The Illustrated London News*).
- (c) Jenny Lind.
- (b) Sandy Pratt.

## Saskatchewan Pool Supports Wheat Pact, Opposes Hasty Strike

DELEGATES to the Saskatchewan Wheat Pool's annual meeting in November approved the Canada-United Kingdom wheat agreement as a factor for price stability. Another resolution was that the Saskatchewan Pool would resort to strike action only if such action was approved by the Canadian Federation of Agriculture or regional sections of the Federation and the matter had been submitted to the Pool membership through their elected representatives.

At the same time, it defended the right of the farmer to strike, so long as that right is legally held by other classes of the people of Canada. The meeting also called for a national conference with a view to working out a national livestock production policy co-ordinated with a policy for the production and marketing of feed grains.

## Buy Christmas Seals

## Save as Much as 40%



## Incorporated 1907

THROUGH wars, depressions, peace and prosperity this Company has been giving Accident and Health protection to Alberta residents at low cost. Investigate by mail today.

## If Ruptured Try This Out

Modern Protection Provides Great Comfort and Holding Security

### Without Torturous Truss Wearing

An "eye-opening" revelation in sensible and comfortable reducible rupture protection may be yours for the asking, without cost or obligation. Simply send name and address to William S. Rice, Appliance Co. Ltd., Dept. 19 B, 5 West Adelaide St., Toronto, Ont., and full details of the new and different Rice Method will be sent you Free. Without hard flesh-gouging pads or tormenting pressure, here's a Support that has brought joy and comfort to thousands — by releasing them from Trusses with springs and straps, that bind and cut. Designed to securely hold a rupture up and in where it belongs and yet give freedom of body and genuine comfort. For full information—write today!



## For Men as well as Women

Because Dr. Chase's Nerve Food is so generally used by women we are often asked, "Is Nerve Food for men as well as women?"

Yes, fully as many men as women have nervous disorders with loss of sleep, indigestion, headaches and chronic fatigue, and such ailments soon respond to the use of this well known mineral and Vitamin B1 tonic.

Ask for the new economy size bottle of

**Dr. Chase's Nerve Food**

60 pills—60cts.  
180 pills—\$1.50



## On Accident Insurance Only \$12 A Year

BE protected the year 'round, 24 hours a day, against accidents or illness by making the most of this trial experimental offer, which is available for a limited time only. No agents to talk to . . . no medical examination . . . no bother for any man in good health between the ages of 15 and 50. For complete information and application form, clip out and mail the coupon printed below. Do it right now!

.....CUT ALONG DOTTED LINES.....  
The Alberta Life and Accident Insurance Company Limited,  
200A-b Grain Exchange Bldg., Calgary.  
Without obligation, please send me all information about your \$12 Accident and Health Policy.  
NAME \_\_\_\_\_ AGE \_\_\_\_\_  
Address \_\_\_\_\_  
Occupation \_\_\_\_\_



# Winter Wonderland

IN OLD QUÉBEC



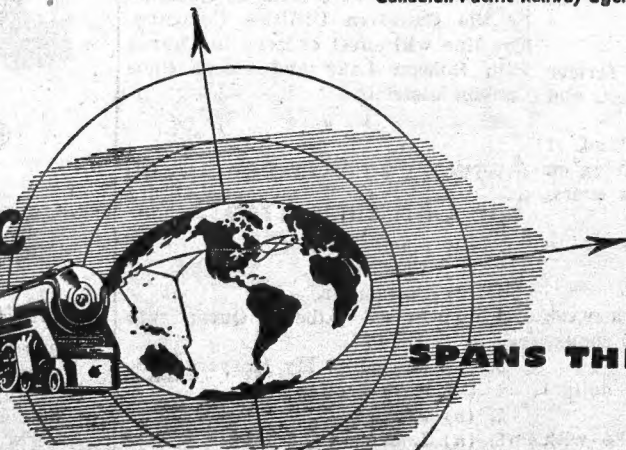
Crisp tonic air . . . dry powder snow . . . skiing at its glorious best at Lac Beauport Snow Bowl and nearby Valcartier . . . skating and tobogganing, too. And you can spend fascinating hours just "seeing the sights" and exploring quaint shops for handicrafts and homespuns.

In the heart of this 17th century city, the historic Chateau Frontenac offers everything to make your stay complete. Gay social life, blazing log fires—relaxation in an old world atmosphere amid modern comforts. "It's a Canadian Pacific hotel."



For full information consult any Canadian Pacific Railway agent.

## Canadian Pacific

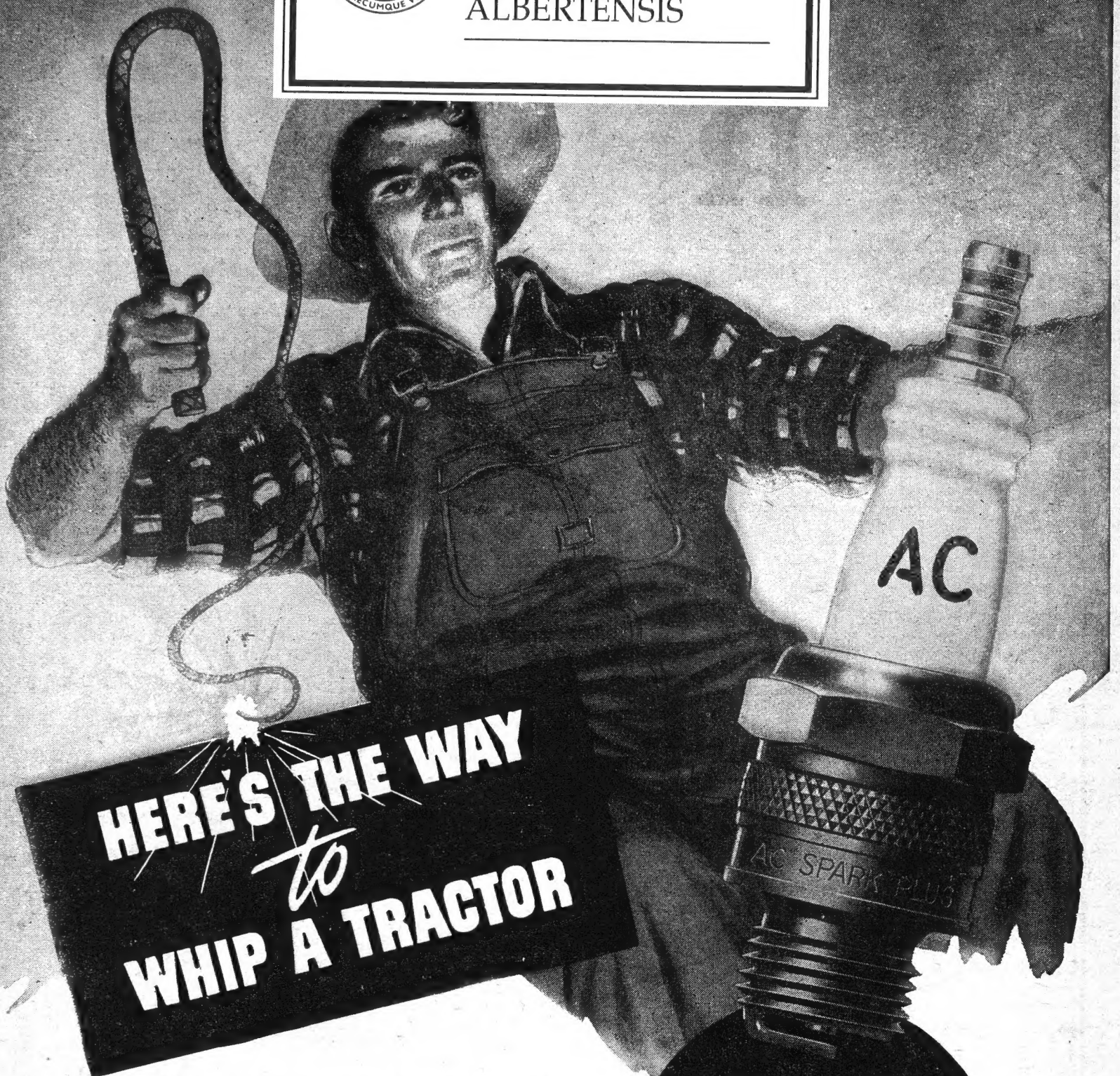


**SPANS THE WORLD**





EX LIBRIS  
UNIVERSITATIS  
ALBERTENSIS



To get that last ounce of power from your tractor, there are few better "whips" than spark plugs which stay clean longer, keep their gap adjustment longer, and fire steadily even on long, heavy pulls. It is very easy to have such plugs. Just follow the simple AC method of preserving tractor power:

1. Consult your implement dealer's AC Heat Range Chart to find the type of AC plugs designed for your engine and the kind of fuel you use.
2. Have your tractor plugs cleaned and adjusted, by the AC Method, as often as necessary.

Ask your dealer for this tried and proved AC service. The correct type of AC plugs, regularly cleaned and adjusted, retard soot and oxide coating, assure long plug life, and maintain engine power. Thus you get full power from the fuel *and* save as much as 1 gallon in 10. (If you keep an extra set of clean AC's on hand, you won't tie up your tractor while the other set is being cleaned.)

F-1346AC

#### Other Well-Known Lines of UNITED MOTORS SERVICE

AC Fuel Pumps, Gauges and Speedometers • AC Oil Filters  
NEW DEPARTURE Ball Bearings • HYATT Roller Bearings  
GUIDE Lamps • DELCO-REMY Starting, Lighting, Ignition  
HARRISON Thermostats • HARRISON Radiators • KLAXON  
Horns • PACKARD Cable • DELCO Shock Absorbers • DELCO  
Hydraulic Brakes

#### UNITED MOTORS SERVICE DIVISION

OF GENERAL MOTORS PRODUCTS OF CANADA, LIMITED, OSHAWA, ONTARIO

# SPARK PLUGS

MADE IN  
CANADA